

Material Safety Data Sheet



Superior Solutions

Zep, Inc.
1310 Seaboard Industrial Blvd.
Atlanta, GA 30318
1-877-I-BUY-ZEP (428-9937)
www.zep.com

Section 1. Chemical Product and Company Identification

Product name ZEP METER MIST FRESH LINEN (GreenLink)
Product use Aerosol Room Deodorizer/Odor Counteractant
Product code 3406
Date of issue 12/14/09 **Supersedes** 05/27/09

Emergency Telephone Numbers

For MSDS Information:
Compliance Services 1-877-I-BUY-ZEP (428-9937)

For Medical Emergency
(877) 541-2016 Toll Free - All Calls Recorded

For Transportation Emergency
CHEMTREC: (800) 424-9300 - All Calls Recorded
In the District of Columbia (202) 483-7616

ADVANCED AUTO PROS
2527 8TH AVE
GREELEY CO 80631-8409

Printing date: 06/27/12

Prepared By

Compliance Services
1420 Seaboard Industrial Blvd.
Atlanta, GA 30318

Section 2. Hazards Identification

Emergency overview

WARNING

MAY CAUSE EYE IRRITATION.

CONTENTS UNDER PRESSURE.

*Hazard Determination System (HDS): Health, Flammability, Reactivity



NOTE: MSDS data pertains to the product as delivered in the original shipping container(s). Risk of adverse effects are lessened by following all prescribed safety precautions, including the use of proper personal protective equipment.

Acute Effects

Routes of Entry

Eye contact. Inhalation.

- Eyes** Direct contact may cause irritation and redness. Inflammation of the eye is characterized by redness, watering and itching.
- Skin** May cause skin irritation. Skin inflammation is characterized by itching, scaling, or reddening.
- Inhalation** Avoid direct inhalation of spray. Over-exposure by inhalation may cause respiratory irritation.
- Ingestion** May be harmful if swallowed. Aspiration hazard if swallowed. Can enter lungs and cause damage.

Chronic effects

Contains material which may cause damage to the following organs: kidneys, liver, central nervous system (CNS).

Carcinogenicity

No known significant effects or critical hazards.

Product/ingredient name

Not available.

Additional Information: See Toxicological Information (Section 11)

Section 3. Composition/Information on Ingredients

Name of Hazardous Ingredients	CAS number	% by Weight
ACETONE; dimethyl ketone	67-64-1	55 - 65
PROPANE; liquefied petroleum gas	68476-85-7	20 - 30
ETHANOL; ethyl alcohol; grain alcohol	64-17-5	1 - 10
PROPYLENE GLYCOL; 1,2-dihydroxypropane, 1,2-propanediol	57-55-6	1 - 10

Section 4. First Aid Measures

- Eye Contact** Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention immediately.
- Skin Contact** Rinse with plenty of running water. Get medical attention if irritation develops.
- Inhalation** Move exposed person to fresh air. If irritation persists, get medical attention.
- Ingestion** Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. If affected person is conscious, give plenty of water to drink. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Section 5. Fire Fighting Measures

National Fire Protection Association (U.S.A.)



Flash Point	Not available.
Flammable Limits	Not available.
Flammability	Non-flammable. (CSMA Method)
Fire hazard	CONTENTS UNDER PRESSURE. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. Bursting aerosol containers may be propelled from a fire at high speed.
Fire-Fighting Procedures	Use an extinguishing agent suitable for the surrounding fire. Cool closed containers exposed to fire with water. Fire-fighters should wear appropriate protective equipment.

Section 6. Accidental Release Measures

Spill Clean up Large spills are unlikely due to packaging.

Section 7. Handling and Storage

Handling	Put on appropriate personal protective equipment (see section 8). Store and use away from heat, sparks, open flame or any other ignition source. Avoid contact with eyes, skin and clothing. Do not breathe vapor or mist. Do not ingest. Use only with adequate ventilation. Observe label precautions. Wash thoroughly after handling.
Storage	CONTENTS UNDER PRESSURE. Do not puncture, incinerate or store the container at temperatures above 49°C (120°F) or in direct sunlight. Keep away from food, drink and animal feeding stuffs. Keep out of the reach of children.

Section 8. Exposure Controls/Personal Protection**Product name**

ACETONE: dimethyl ketone

Exposure limits

ACGIH TLV / OSHA PEL (United States).

TWA: 750 ppm 8 hour(s).

ACGIH / OSHA (United States).

STEL: 1000 ppm 15 minute(s).

ACGIH TLV (United States, 1/2009).

TWA: 500 ppm 8 hour(s).

TWA: 1188 mg/m³ 8 hour(s).

STEL: 750 ppm 15 minute(s).

STEL: 1782 mg/m³ 15 minute(s).

OSHA PEL 1989 (United States, 3/1989).

TWA: 750 ppm 8 hour(s).

TWA: 1800 mg/m³ 8 hour(s).

STEL: 1000 ppm 15 minute(s).

STEL: 2400 mg/m³ 15 minute(s).

NIOSH REL (United States, 6/2008).

TWA: 250 ppm 10 hour(s).

TWA: 590 mg/m³ 10 hour(s).

OSHA PEL (United States, 11/2006).

TWA: 1000 ppm 8 hour(s).

TWA: 2400 mg/m³ 8 hour(s).

PROPANE; liquefied petroleum gas

ACGIH TLV (United States).

: 800 ppm 8 hour(s).

OSHA PEL (United States).

TWA: 1000 ppm 8 hour(s).

ACGIH TLV / OSHA PEL (United States).

TWA: 1000 ppm 8 hour(s).


ETHANOL; ethyl alcohol; grain alcohol

AIHA WEEL (United States).

TWA: 10 mg/m³ 8 hour(s).

PROPYLENE GLYCOL; 1,2-dihydroxypropane, 1,2-propanediol

Personal Protective Equipment (PPE)

Eyes	Safety glasses.	
Body	No special protective clothing is required.	
Respiratory	Avoid direct inhalation of spray. Use with adequate ventilation.	

Section 9. Physical and Chemical Properties

Physical State	Liquid. [Aerosol.]	Color	Clear. Colorless.
pH	Not applicable	Odor	Pleasant. Fresh
Boiling Point	55.6°C (132.1°F)	Vapor Pressure	Not determined.
Specific Gravity	0.817	Vapor Density	Not determined.
Solubility	Very slightly soluble in the following materials: cold water and hot water.	Evaporation Rate	<1 (Water = 1)
		VOC (Consumer)	223 g/l (29.8%)

Section 10. Stability and Reactivity

Stability and Reactivity	The product is stable.
Incompatibility	Keep away from heat, sparks and flame. Slightly reactive or incompatible with the following materials: oxidizing materials.
Hazardous Polymerization	Will not occur.
Hazardous Decomposition Products	carbon oxides (CO, CO ₂)

Section 11. Toxicological Information**Acute Toxicity**

Product/ingredient name	Result	Species	Dose	Exposure
Acetone	LD50 Dermal	Rabbit	20000 mg/kg	-
	LD50 Intravenous	Rat	5500 mg/kg	-
	LD50 Oral	Mouse	9750 mg/kg	-
	LD50 Oral	Rat	5800 mg/kg	-
	LDLo Dermal	Rabbit	20 mL/kg	-
	LDLo Intraperitoneal	Rat	500 mg/kg	-
	TDLo Oral	Rat	5 mL/kg	-
	LC50 Inhalation Vapor	Rat	50100 mg/m ³	8 hours
	LC50 Inhalation Vapor	Rat	16000 ppm	4 hours
	LD50 Oral	Rat	7060 mg/kg	-
Ethanol	LC50 Inhalation Vapor	Rat	20000 mg/m ³	4 hours
	LD50 Dermal	Rabbit	208 mg/kg	-
Propylene Glycol	LD50 Oral	Dog	260 mg/kg	-
	LD50 Oral	Mouse	240 mg/kg	-
	LD50 Oral	Rat	200 mg/kg	-
	LD50 Oral	Rat	200 mg/kg	-

Section 12. Ecological Information

Environmental Effects Not available.

Aquatic Ecotoxicity

Not available.

Section 13. Disposal Considerations**Waste Information**

Waste must be disposed of in accordance with federal, state and local environmental control regulations. Consult your local or regional authorities for additional information.

Waste Stream Non-hazardous waste

Section 14. Transport Information

Regulatory information	UN number	Proper shipping name	Classes	PG*	Label
DOT Classification	None.	Consumer commodity ORM-D			

NOTE: DOT classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.

PG* : Packing group

Section 15. Regulatory Information**U.S. Federal Regulations**

SARA 313 toxic chemical notification and release reporting:

No products were found.

Clean Water Act (CWA) 307: No products were found.

Clean Water Act (CWA) 311: No products were found.

Clean Air Act (CAA) 112 regulated toxic substances: No products were found.

All Components of this product are listed or exempt from listing on TSCA Inventory.

State Regulations

California Prop 65 No products were found.

Section 16. Other Information

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

**NOTE: Hazard Determination System (HDS) ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although these ratings are not required on MSDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HDS ratings are to be used with a fully implemented program to relay the meanings of this scale.*

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Section 1. Chemical Product and Company Identification

Product name PEAR HAND SOAP
Product use Antibacterial Hand Soap
Product code 0875
Date of issue 05/17/11 **Supersedes** 02/03/05

Emergency Telephone Numbers

For MSDS Information:
Compliance Services 1-877-I-BUY-ZEP (428-9937)

For Medical Emergency
(877) 541-2016 Toll Free - All Calls Recorded

For Transportation Emergency
CHEMTREC: (800) 424-9300 - All Calls Recorded
In the District of Columbia (202) 483-7616

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36



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2527 8TH AVE
GREELEY CO 80631-8409

Printing date: 06/27/12

Section 2. Hazards Identification

Emergency overview

*Hazard Determination System (HDS): Health, Flammability, Reactivity

CAUTION!

MAY CAUSE EYE IRRITATION. MAY BE HARMFUL IF SWALLOWED.



NOTE: MSDS data pertains to the product as delivered in the original shipping container(s). Risk of adverse effects are lessened by following all prescribed safety precautions, including the use of proper personal protective equipment.

Acute Effects	Routes of Entry	Not applicable.
Eyes	Direct contact may cause irritation and redness.	
Skin	No known significant effects or critical hazards.	
Inhalation	No known acute effects of this product resulting from inhalation.	
Ingestion	May be harmful if swallowed. Can cause gastrointestinal disturbances.	

Chronic effects No known chronic effects from exposure.

Carcinogenicity

No known significant effects or critical hazards.

Product/ingredient name

Not available.

Additional Information: See Toxicological Information (Section 11)

Section 3. Composition/Information on Ingredients

Name of Hazardous Ingredients	CAS number	% by Weight
SODIUM LAURYL SULFATE; (sulfuric acid, monododecyl ester, sodium salt); sodium monododecyl sulfate	151-21-3	20 - 30
COCOAMIDOPROPYL BETAINE	70851-07-9	1 - 10
COCONUT DIETHANOLAMIDE; cocoamide dea; coconut oil diethanolamine	68603-42-9	1 - 5

Section 4. First Aid Measures

Eye Contact Check for and remove any contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention if irritation occurs.

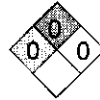
Skin Contact This product is formulated for use on the skin. Discontinue use if irritation and redness develop. If condition persists for more than 72 hours, consult a doctor.

Inhalation No known significant effects or critical hazards.

Ingestion Wash out mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If affected person is conscious, give plenty of water to drink. Get medical attention.

Section 5. Fire Fighting Measures

National Fire Protection Association (U.S.A.)



Flash Point	Not available.
Flammable Limits	Not available.
Flammability	Non-combustible.
Fire hazard	In a fire or if heated, a pressure increase will occur and the container may burst.
Fire-Fighting Procedures	Use an extinguishing agent suitable for the surrounding fire.

Section 6. Accidental Release Measures

Spill Clean up	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container.
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Section 7. Handling and Storage

Handling	Do not get in eyes. Do not ingest. Wash thoroughly after handling. Do not reuse container.
Storage	Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Do not store in unlabeled containers. Keep out of the reach of children.

Section 8. Exposure Controls/Personal Protection**Product name** **Exposure limits**

No exposure limit value known.

Personal Protective Equipment (PPE)

Eyes	No special protection is required.
Body	No special protective clothing is required.
Respiratory	No respiratory protection needed under normal use conditions.

Section 9. Physical and Chemical Properties

Physical State	Liquid. [Viscous liquid.]	Color	Clear. Yellowish. [Light]
pH	6 to 7	Odor	Pear. Pleasant.
Boiling Point	104.4°C (220°F)	Vapor Pressure	Not determined.
Specific Gravity	1.02	Vapor Density	Not determined.
Solubility	Soluble in the following materials: cold water and hot water.	Evaporation Rate	Not determined.
		VOC (Consumer)	0 g/l

Section 10. Stability and Reactivity

Stability and Reactivity	The product is stable.
Incompatibility	Slightly reactive or incompatible with the following materials: oxidizing materials and acids.
Hazardous Polymerization	Under normal conditions of storage and use, hazardous polymerization will not occur.
Hazardous Decomposition Products	carbon oxides (CO, CO ₂), sulfur oxides (SO ₂ , SO ₃ etc.)

Section 11. Toxicological Information**Acute Toxicity**

Sodium Lauryl Sulfate	LC50 Inhalation Vapor	Rat	>3900 mg/m ³	1 hours
	LD50 Dermal	Rabbit	>2000 mg/kg	-
	LD50 Oral	Rat	1288 mg/kg	-

Section 12. Ecological Information

Environmental Effects	Not available.
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Aquatic Ecotoxicity

Not available.

Section 13. Disposal Considerations**Waste Information**

Waste must be disposed of in accordance with federal, state and local environmental control regulations. Consult your local or regional authorities for additional information.

Waste Stream Code: - (None.)

Classification: - (Non-hazardous waste)

Section 14. Transport Information

Regulatory information	UN number	Proper shipping name	Classes	PG*	Label
DOT Classification	Not regulated.	Not a DOT controlled material (United States).			
IMDG Class	Not available.				

NOTE: DOT classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.

PG* : Packing group

Section 15. Regulatory Information**U.S. Federal Regulations**

SARA 313 toxic chemical notification and release reporting:

No products were found.

Clean Water Act (CWA) 307: No products were found.

Clean Water Act (CWA) 311: No products were found.

Clean Air Act (CAA) 112 regulated toxic substances: No products were found.

All Components of this product are listed or exempt from listing on TSCA Inventory.

United States inventory (TSCA 8b): Not determined.

State Regulations

California Prop 65 No products were found.

Section 16. Other Information

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

*NOTE: Hazard Determination System (HDS) ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although these ratings are not required on MSDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HDS ratings are to be used with a fully implemented program to relay the meanings of this scale.

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www.zep.com

Section 1. Chemical Product and Company Identification

Product name ZEP METER MIST CINNAMON
(GreenLink)
Product use Aerosol Room Deodorizer/Odor Counteractant
Product code 3271
Date of issue 11/01/11 **Supersedes** 12/14/09

Emergency Telephone Numbers

For MSDS Information:
Compliance Services 1-877-I-BUY-ZEP (428-9937)

For Medical Emergency
(877) 541-2016 Toll Free - All Calls Recorded

For Transportation Emergency
CHEMTREC: (800) 424-9300 - All Calls Recorded
In the District of Columbia (202) 483-7616

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Atlanta, GA 30318

ADVANCED AUTO PROS
2527 8TH AVE
GREELEY CO 80631-8409

Printing date: 06/27/12

Section 2. Hazards Identification

Emergency overview

WARNING

MAY CAUSE EYE IRRITATION.
CONTENTS UNDER PRESSURE.

*Hazard Determination System (HDS): Health, Flammability, Reactivity



NOTE: MSDS data pertains to the product as delivered in the original shipping container(s). Risk of adverse effects are lessened by following all prescribed safety precautions, including the use of proper personal protective equipment.

Acute Effects

Routes of Entry

Eye contact, Inhalation.

- Eyes** Direct contact may cause irritation and redness. Inflammation of the eye is characterized by redness, watering and itching.
- Skin** May cause skin irritation. Skin inflammation is characterized by itching, scaling, or reddening.
- Inhalation** Avoid direct inhalation of spray. Over-exposure by inhalation may cause respiratory irritation.
- Ingestion** May be harmful if swallowed. Aspiration hazard if swallowed. Can enter lungs and cause damage.

Chronic effects

Contains material which may cause damage to the following organs: kidneys, liver, central nervous system (CNS).

Carcinogenicity

No known significant effects or critical hazards.

Product/ingredient name

Not available.

Additional Information: See Toxicological Information (Section 11)

Section 3. Composition/Information on Ingredients

Name of Hazardous Ingredients	CAS number	% by Weight
ACETONE; dimethyl ketone	67-64-1	55 - 65
PROPANE; liquefied petroleum gas	74-98-6	20 - 30
ETHANOL; ethyl alcohol; grain alcohol	64-17-5	1 - 10
PROPYLENE GLYCOL; 1,2-dihydroxypropane, 1,2-propanediol	57-55-6	1 - 10

Section 4. First Aid Measures

- Eye Contact** Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention immediately.
- Skin Contact** Rinse with plenty of running water. Get medical attention if irritation develops.
- Inhalation** Move exposed person to fresh air. If irritation persists, get medical attention.
- Ingestion** Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. If affected person is conscious, give plenty of water to drink. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Section 5. Fire Fighting Measures

National Fire Protection Association (U.S.A.)



Flash Point	Not available.
Flammable Limits	Not available.
Flammability	Non-flammable. (CSMA Method)
Fire hazard	CONTENTS UNDER PRESSURE. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. Bursting aerosol containers may be propelled from a fire at high speed.
Fire-Fighting Procedures	Use an extinguishing agent suitable for the surrounding fire. Cool closed containers exposed to fire with water. Fire-fighters should wear appropriate protective equipment.

Section 6. Accidental Release Measures

Spill Clean up Large spills are unlikely due to packaging.

Section 7. Handling and Storage

Handling	Put on appropriate personal protective equipment (see section 8). Store and use away from heat, sparks, open flame or any other ignition source. Avoid contact with eyes, skin and clothing. Do not breathe vapor or mist. Do not ingest. Use only with adequate ventilation. Observe label precautions. Wash thoroughly after handling.
Storage	CONTENTS UNDER PRESSURE. Do not puncture, incinerate or store the container at temperatures above 49°C (120°F) or in direct sunlight. Keep away from food, drink and animal feeding stuffs. Keep out of the reach of children.

Section 8. Exposure Controls/Personal Protection**Product name**

ACETONE: dimethyl ketone

Exposure limits

ACGIH TLV (United States, 2/2010).
TWA: 500 ppm 8 hour(s).
TWA: 1188 mg/m³ 8 hour(s).
STEL: 750 ppm 15 minute(s).
STEL: 1782 mg/m³ 15 minute(s).
OSHA PEL 1989 (United States, 3/1989).
TWA: 750 ppm 8 hour(s).
TWA: 1800 mg/m³ 8 hour(s).
STEL: 1000 ppm 15 minute(s).
STEL: 2400 mg/m³ 15 minute(s).
NIOSH REL (United States, 6/2009).
TWA: 250 ppm 10 hour(s).
TWA: 590 mg/m³ 10 hour(s).
OSHA PEL (United States, 6/2010).
TWA: 1000 ppm 8 hour(s).
TWA: 2400 mg/m³ 8 hour(s).

PROPANE: liquefied petroleum gas

ACGIH TLV (United States).
: 800 ppm 8 hour(s).
OSHA PEL (United States).
TWA: 1000 ppm 8 hour(s).
OSHA PEL 1989 (United States, 3/1989).
TWA: 1000 ppm 8 hour(s).
TWA: 1800 mg/m³ 8 hour(s).
NIOSH REL (United States, 6/2009).
TWA: 1000 ppm 10 hour(s).
TWA: 1800 mg/m³ 10 hour(s).
OSHA PEL (United States, 6/2010).
TWA: 1000 ppm 8 hour(s).
TWA: 1800 mg/m³ 8 hour(s).
ACGIH TLV (United States, 2/2010).
TWA: 1000 ppm 8 hour(s).

ETHANOL; ethyl alcohol; grain alcohol

NIOSH REL (United States, 6/2009).
TWA: 1000 ppm 10 hour(s).
TWA: 1900 mg/m³ 10 hour(s).
OSHA PEL (United States, 6/2010).
TWA: 1000 ppm 8 hour(s).
TWA: 1900 mg/m³ 8 hour(s).
ACGIH TLV (United States, 2/2010).
STEL: 1000 ppm 15 minute(s).
OSHA PEL 1989 (United States, 3/1989).
TWA: 1000 ppm 8 hour(s).
TWA: 1900 mg/m³ 8 hour(s).

PROPYLENE GLYCOL: 1,2-dihydroxypropane,1,2-propanediol

AIHA WEL (United States, 5/2010).
TWA: 10 mg/m³ 8 hour(s).

Personal Protective Equipment (PPE)

Eyes	Recommended: Safety glasses.
Body	No special protective clothing is required.
Respiratory	Avoid direct inhalation of spray. Use with adequate ventilation.



Section 9. Physical and Chemical Properties

Physical State	Liquid. [Aerosol.]	Color	Clear. Colorless.
pH	Not applicable	Odor	Cinnamon
Boiling Point	55.6°C (132.1°F)	Vapor Pressure	Not determined.
Specific Gravity	0.75	Vapor Density	Not determined.
Solubility	Very slightly soluble in the following materials: cold water and hot water.	Evaporation Rate	<1 (Water = 1)
		VOC (Consumer)	223 g/l (29.8%)

Section 10. Stability and Reactivity

Stability and Reactivity	The product is stable.
Incompatibility	Keep away from heat, sparks and flame. Slightly reactive or incompatible with the following materials: oxidizing materials.
Hazardous Polymerization	Will not occur.
Hazardous Decomposition Products	carbon oxides (CO, CO ₂)

Section 11. Toxicological Information**Acute Toxicity**

Product/ingredient name	Result	Species	Dose	Exposure
acetone	LC50 Inhalation Vapor	Rat	16000 ppm	4 hours
	LD50 Dermal	Rabbit	20000 mg/kg	-
	LD50 Oral	Mouse	9750 mg/kg	-
	LD50 Oral	Rat	5800 mg/kg	-
ethanol	LC50 Inhalation Vapor	Rat	20000 mg/m ³	4 hours
	LD50 Oral	Rat	7 g/kg	-
propane-1,2-diol	LD50 Dermal	Rabbit	208 mg/kg	-
	LD50 Oral	Dog	260 mg/kg	-
	LD50 Oral	Mouse	240 mg/kg	-
	LD50 Oral	Rat	200 mg/kg	-

Section 12. Ecological Information

Environmental Effects Not available.

Aquatic Ecotoxicity

Not available.

Section 13. Disposal Considerations**Waste Information**

Waste must be disposed of in accordance with federal, state and local environmental control regulations. Consult your local or regional authorities for additional information.

Waste Stream Non-hazardous waste

Section 14. Transport Information

Regulatory information	UN number	Proper shipping name	Classes	PG*	Label
DOT Classification	None.	Consumer commodity ORM-D			
IMDG Class	Not determined.				

NOTE: DOT classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.

PG* : Packing group

Section 15. Regulatory Information**U.S. Federal Regulations**

SARA 313 toxic chemical notification and release reporting:

No products were found.

Clean Water Act (CWA) 307: No products were found.

Clean Water Act (CWA) 311: No products were found.

Clean Air Act (CAA) 112 regulated toxic substances: No products were found.

All Components of this product are listed or exempt from listing on TSCA Inventory.

United States inventory (TSCA 8b): All components are listed or exempted.

State Regulations

California Prop 65 No products were found.

Section 16. Other Information

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

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Atlanta, GA 30318
1-877-I-BUY-ZEP (428-9937)
www.zep.com

Section 1. Chemical Product and Company Identification

Product name METER MIST COUNTRY GARDEN
Product use Aerosol Deodorizer
Product code 3307
Date of issue 11/01/11 **Supersedes** 05/27/09

Emergency Telephone Numbers

For MSDS Information:
Compliance Services 1-877-I-BUY-ZEP (428-9937)

For Medical Emergency
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Printing date: 06/27/12

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Section 2. Hazards Identification

Emergency overview

WARNING !

MAY CAUSE EYE IRRITATION.
CONTENTS UNDER PRESSURE.

*Hazard Determination System (HDS): Health, Flammability, Reactivity



NOTE: MSDS data pertains to the product as delivered in the original shipping container(s). Risk of adverse effects are lessened by following all prescribed safety precautions, including the use of proper personal protective equipment.

Acute Effects

Routes of Entry

Eye contact. Inhalation.

- Eyes** Contact may cause eye irritation. Inflammation of the eye is characterized by redness, watering and itching.
- Skin** May cause skin irritation. Skin inflammation is characterized by itching, scaling, or reddening.
- Inhalation** Avoid direct inhalation of spray. Over-exposure by inhalation may cause respiratory irritation.
- Ingestion** May be harmful if swallowed. Aspiration hazard if swallowed. Can enter lungs and cause damage.

Chronic effects

Contains material which may cause damage to the following organs: blood, kidneys, the nervous system, liver, heart, upper respiratory tract, skin, central nervous system (CNS), eye, lens or cornea.

Carcinogenicity

Ingredients: Not listed as carcinogen by OSHA, NTP or IARC.

Product/ingredient name

Not available.

Additional Information: See Toxicological Information (Section 11)

Section 3. Composition/Information on Ingredients

Name of Hazardous Ingredients	CAS number	% by Weight
ACETONE; dimethyl ketone	67-64-1	55 - 65
PROPANE; liquefied petroleum gas	74-98-6	20 - 30
ETHANOL; ethyl alcohol; grain alcohol	64-17-5	1 - 10
PROPYLENE GLYCOL; 1,2-dihydroxypropane, 1,2-propanediol	57-55-6	1 - 10

Section 4. First Aid Measures

- Eye Contact** Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Check for and remove any contact lenses. Get medical attention.
- Skin Contact** Wash affected area with soap or mild detergent and water. Remove contaminated clothing and shoes. Wash clothing before reuse. If irritation persists, get medical attention.
- Inhalation** If excessive quantities inhaled, remove to fresh air. If irritation persists, get medical attention.
- Ingestion** Unlikely in this form. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If potentially dangerous quantities of this material have been swallowed, call a physician immediately.

Section 5. Fire Fighting Measures

National Fire Protection Association (U.S.A.)



Flash Point	Not determined.
Flammable Limits	Not applicable
Flammability	Non-flammable. (CSMA Method)
Fire hazard	CONTENTS UNDER PRESSURE. In a fire or if heated, a pressure increase will occur and the container may burst. Bursting aerosol containers may be propelled from a fire at high speed.
Fire-Fighting Procedures	Cool containers with water jet in order to prevent pressure build-up, auto-ignition or explosion. Do not release runoff from fire to drains or watercourses.

Section 6. Accidental Release Measures

Spill Clean up Unlikely in this form.

Section 7. Handling and Storage

Handling	Avoid contact with eyes, skin and clothing. Avoid breathing vapors, spray or mists. Use only with adequate ventilation. Wash thoroughly after handling. Observe label precautions.
Storage	CONTENTS UNDER PRESSURE. Store and use away from heat, sparks, open flame or any other ignition source. Do not puncture or incinerate container. Keep away from food, drink and animal feeding stuffs. Keep out of the reach of children. Store below 120°F (49°C).

Section 8. Exposure Controls/Personal Protection**Product name**

ACETONE: dimethyl ketone

Exposure limits

ACGIH TLV (United States, 2/2010).
 TWA: 500 ppm 8 hour(s).
 TWA: 1188 mg/m³ 8 hour(s).
 STEL: 750 ppm 15 minute(s).
 STEL: 1782 mg/m³ 15 minute(s).

OSHA PEL 1989 (United States, 3/1989).
 TWA: 750 ppm 8 hour(s).
 TWA: 1800 mg/m³ 8 hour(s).
 STEL: 1000 ppm 15 minute(s).
 STEL: 2400 mg/m³ 15 minute(s).

NIOSH REL (United States, 6/2009).
 TWA: 250 ppm 10 hour(s).
 TWA: 590 mg/m³ 10 hour(s).

OSHA PEL (United States, 6/2010).
 TWA: 1000 ppm 8 hour(s).
 TWA: 2400 mg/m³ 8 hour(s).

PROPANE: liquefied petroleum gas

ACGIH TLV (United States).
 : 800 ppm 8 hour(s).

OSHA PEL (United States).
 TWA: 1000 ppm 8 hour(s).

OSHA PEL 1989 (United States, 3/1989).
 TWA: 1000 ppm 8 hour(s).
 TWA: 1800 mg/m³ 8 hour(s).

NIOSH REL (United States, 6/2009).
 TWA: 1000 ppm 10 hour(s).
 TWA: 1800 mg/m³ 10 hour(s).

OSHA PEL (United States, 6/2010).
 TWA: 1000 ppm 8 hour(s).
 TWA: 1800 mg/m³ 8 hour(s).

ACGIH TLV (United States, 2/2010).
 TWA: 1000 ppm 8 hour(s).

ETHANOL: ethyl alcohol: grain alcohol

NIOSH REL (United States, 6/2009).
 TWA: 1000 ppm 10 hour(s).
 TWA: 1900 mg/m³ 10 hour(s).

OSHA PEL (United States, 6/2010).
 TWA: 1000 ppm 8 hour(s).
 TWA: 1900 mg/m³ 8 hour(s).

ACGIH TLV (United States, 2/2010).
 STEL: 1000 ppm 15 minute(s).

OSHA PEL 1989 (United States, 3/1989).
 TWA: 1000 ppm 8 hour(s).
 TWA: 1900 mg/m³ 8 hour(s).

PROPYLENE GLYCOL: 1,2-dihydroxypropane, 1,2-propanediol

AIHA WELI (United States, 5/2010).
 TWA: 10 mg/m³ 8 hour(s).

Personal Protective Equipment (PPE)

Eyes	Recommended: Safety glasses.
Body	No special protective clothing is required.
Respiratory	Use with adequate ventilation. Avoid direct inhalation of spray.



Section 9. Physical and Chemical Properties

Physical State	Liquid. [Aerosol.]	Color	Colorless.
pH	Not applicable	Odor	Pleasant. Floral.
Boiling Point	55.6°C (132.1°F)	Vapor Pressure	Not determined.
Specific Gravity	0.826	Vapor Density	Not determined.
Solubility	Partially soluble in water.	Evaporation Rate	Not determined.
		VOC (Consumer)	

Section 10. Stability and Reactivity

Stability and Reactivity	The product is stable.
Incompatibility	Avoid contact with strong oxidizers, excessive heat, sparks or open flame.
Hazardous Polymerization	Will not occur.
Hazardous Decomposition Products	carbon oxides and organic chemicals.

Section 11. Toxicological Information**Acute Toxicity**

Product/ingredient name	Result	Species	Dose	Exposure
acetone	LC50 Inhalation Vapor	Rat	16000 ppm	4 hours
	LD50 Dermal	Rabbit	20000 mg/kg	-
	LD50 Oral	Mouse	9750 mg/kg	-
	LD50 Oral	Rat	5800 mg/kg	-
ethanol	LC50 Inhalation Vapor	Rat	20000 mg/m ³	4 hours
	LD50 Oral	Rat	7 g/kg	-
propane-1,2-diol	LD50 Dermal	Rabbit	208 mg/kg	-
	LD50 Oral	Dog	260 mg/kg	-
	LD50 Oral	Mouse	240 mg/kg	-
	LD50 Oral	Rat	200 mg/kg	-

Section 12. Ecological Information

Environmental Effects Not available.

Aquatic Ecotoxicity

Not available.

Section 13. Disposal Considerations**Waste Information**

Waste must be disposed of in accordance with federal, state and local environmental control regulations. Consult your local or regional authorities for additional information.

Waste Stream Non-regulated waste

Section 14. Transport Information

Regulatory information	UN number	Proper shipping name	Classes	PG*	Label
DOT Classification	None.	Consumer commodity	ORM-D		
IMDG Class	Not determined.				

NOTE: DOT classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.

PG* : Packing group

Section 15. Regulatory Information**U.S. Federal Regulations**

SARA 313 toxic chemical notification and release reporting:

No products were found.

Clean Water Act (CWA) 307: No products were found.

Clean Water Act (CWA) 311: No products were found.

Clean Air Act (CAA) 112 regulated toxic substances: No products were found.

All Components of this product are listed or exempt from listing on TSCA Inventory.

United States inventory (TSCA 8b): All components are listed or exempted.

State Regulations

California Prop 65 No products were found.

Section 16. Other Information

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

*NOTE: Hazard Determination System (HDS) ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although these ratings are not required on MSDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HDS ratings are to be used with a fully implemented program to relay the meanings of this scale.

Material Safety Data Sheet



Superior Solutions

Zep, Inc.
1310 Seaboard Industrial Blvd.
Atlanta, GA 30318
1-877-I-BUY-ZEP (428-9937)
www.zep.com

Section 1. Chemical Product and Company Identification

Product name Z-MAXX BRAKE WASH (X-4402)
Product use Non-Chlorinated Brake Parts Cleaner
Product code 0666
Date of issue 03/19/10 **Supersedes** 11/23/09

Emergency Telephone Numbers

For MSDS Information:
Compliance Services 1-877-I-BUY-ZEP (428-9937)

For Medical Emergency
(877) 541-2016 Toll Free - All Calls Recorded

For Transportation Emergency
CHEMTREC: (800) 424-9300 - All Calls Recorded
In the District of Columbia (202) 483-7616

Prepared By

Compliance Services
1420 Seaboard Industrial Blvd.
Atlanta, GA 30318

276



ADVANCED AUTO PROS
2527 8TH AVE
GREELEY CO 80631-8409

Printing date: 05/23/12

Section 2. Hazards Identification

Emergency overview

DANGER!

EXTREMELY FLAMMABLE LIQUID AND VAPOR. VAPOR MAY CAUSE FLASH FIRE. CAUSES EYE AND SKIN IRRITATION. HARMFUL OR FATAL IF SWALLOWED. VAPOR HARMFUL. Do not smoke.

*Hazard Determination System (HDS): Health, Flammability, Reactivity



NOTE: MSDS data pertains to the product as delivered in the original shipping container(s). Risk of adverse effects are lessened by following all prescribed safety precautions, including the use of proper personal protective equipment.

Acute Effects

Routes of Entry

Dermal contact. Inhalation.

- Eyes** Causes eye irritation. Inflammation of the eye is characterized by redness, watering and itching.
- Skin** Causes skin irritation. Skin inflammation is characterized by itching, scaling, or reddening. Defatting properties, may aggravate an existing dermatitis
- Inhalation** Avoid breathing vapors, spray or mists. Inhalation causes headaches, dizziness, drowsiness and nausea and may lead to unconsciousness. Can cause central nervous system (CNS) depression. Over-exposure by inhalation may cause respiratory irritation.
- Ingestion** May be fatal if swallowed. Aspiration hazard if swallowed. Can enter lungs and cause damage.

Chronic effects

Overexposure of this product by inhalation or absorption can produce central nervous system depression resulting in headache, nausea and/or dizziness. Repeated or prolonged exposure to spray or mist may produce respiratory tract irritation leading to frequent attacks of bronchial infection. Prolonged skin contact may cause dermatitis with drying and cracking of skin. Contains material which may cause damage to the following organs: kidneys, liver, heart, brain, central nervous system (CNS).

Carcinogenicity

Ingredients: Not listed as carcinogen by OSHA, NTP or IARC.

Product/ingredient name

ACGIH

IARC

EPA

NIOSH

NTP

OSHA

None.

Additional Information: See Toxicological Information (Section 11)

Section 3. Composition/Information on Ingredients

Name of Hazardous Ingredients

HEPTANE; n-heptane

CAS number

142-82-5

% by Weight

>95

Section 4. First Aid Measures

- Eye Contact** Check for and remove any contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately.
- Skin Contact** In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Clean shoes thoroughly before reuse. Get medical attention if irritation develops.
- Inhalation** Move exposed person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.
- Ingestion** Aspiration hazard if swallowed. Can enter lungs and cause damage. If vomiting occurs, keep head lower than hips to help prevent aspiration. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Section 5. Fire Fighting Measures

National Fire Protection Association (U.S.A.)

- Flash Point** Closed cup: -9.4°C (15°F)
[Tagliabue.]
- Flammable Limits** Lower: 1.2%
Upper: 6.7%
- Flammability** Extremely flammable liquid and vapor.
- Fire hazard** EXTREMELY FLAMMABLE LIQUID AND VAPOR. Vapors may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back. In a fire or if heated, a pressure increase will occur and the container may burst.
- Fire-Fighting Procedures** Use an extinguishing agent suitable for the surrounding fire.

**Section 6. Accidental Release Measures**

- Spill Clean up** Eliminate all ignition sources. Put on appropriate personal protective equipment (see section 8). Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Section 7. Handling and Storage

- Handling** Put on appropriate personal protective equipment (see section 8). Store and use away from heat, sparks, open flame or any other ignition source. Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Use only with adequate ventilation. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by grounding and bonding containers and equipment before transferring material. Empty containers retain product residue and can be hazardous. Do not reuse container.
- Storage** Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Eliminate all ignition sources. Keep container tightly closed and sealed until ready for use. Do not store in unlabeled containers. Keep out of the reach of children.

Section 8. Exposure Controls/Personal Protection**Product name**

HEPTANE; n-heptane

Exposure limits**ACGIH TLV (United States, 1/2009).**

TWA: 400 ppm 8 hour(s).
TWA: 1640 mg/m³ 8 hour(s).
STEL: 500 ppm 15 minute(s).
STEL: 2050 mg/m³ 15 minute(s).

OSHA PEL 1989 (United States, 3/1989).

TWA: 400 ppm 8 hour(s).
TWA: 1600 mg/m³ 8 hour(s).
STEL: 500 ppm 15 minute(s).
STEL: 2000 mg/m³ 15 minute(s).

NIOSH REL (United States, 6/2008).

TWA: 85 ppm 10 hour(s).
TWA: 350 mg/m³ 10 hour(s).
CEIL: 440 ppm 15 minute(s).
CEIL: 1800 mg/m³ 15 minute(s).

OSHA PEL (United States, 11/2006).

TWA: 500 ppm 8 hour(s).
TWA: 2000 mg/m³ 8 hour(s).

Personal Protective Equipment (PPE)

- Eyes** Splash goggles.



- Body** Wear appropriate protective clothing to prevent skin contact.
Recommended: Viton gloves. Neoprene gloves. Nitrile gloves.
- Respiratory** Use with adequate ventilation. Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective occupational exposure limits. Wear appropriate respirator when ventilation is inadequate.

Section 9. Physical and Chemical Properties

Physical State	Liquid. [Clear.]	Color	Colorless.
pH	Not applicable.	Odor	Hydrocarbon. [Slight]
Boiling Point	91°C (195.8°F)	Vapor Pressure	4.7 kPa (35.6 mm Hg)
Specific Gravity	0.693	Vapor Density	3.5 [Air = 1]
Solubility	Insoluble in the following materials: cold water and hot water.	Evaporation Rate	>1 (butyl acetate = 1)
		VOC (Consumer)	100.0% 5.77 (lb/gal) 692 g/l

Section 10. Stability and Reactivity

- Stability and Reactivity** The product is stable.
- Incompatibility** Keep away from heat, sparks and flame. Reactive or incompatible with the following materials: oxidizing materials.
- Hazardous Polymerization** Under normal conditions of storage and use, hazardous polymerization will not occur.
- Hazardous Decomposition Products** carbon oxides (CO, CO₂)

Section 11. Toxicological Information

Acute Toxicity

Product/ingredient name	Result	Species	Dose	Exposure
Heptane	LD50 Oral	Mouse	15000 mg/kg	-
	LC50 Inhalation Vapor	Rat	103 g/m ³	4 hours
	LC50 Inhalation Gas.	Mouse	18295 ppm	2 hours

Section 12. Ecological Information

Environmental Effects Not available.

Aquatic Ecotoxicity

Product/ingredient name	Test	Result	Species	Exposure
Heptane	-	Acute LC50 4924000 ug/L Fresh water	Fish - Western mosquitofish - Gambusia affinis - Adult	96 hours
	-	Acute LC50 375000 ug/L Fresh water	Fish - Mozambique tilapia - Tilapia mossambica - 99 mm - 10 g	96 hours


Section 13. Disposal Considerations

Waste Information

Waste must be disposed of in accordance with federal, state and local environmental control regulations. Consult your local or regional authorities for additional information.

Waste Stream Code: D001
Classification: - [Hazardous waste.]
Origin: - [RCRA waste.]

Section 14. Transport Information

Regulatory information	UN number	Proper shipping name	Classes	PG*	Label
DOT Classification	1993	Flammable liquid, n.o.s. (Heptane)	3	II	
IMDG Class					

NOTE: DOT classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.

PG* : Packing group

Section 15. Regulatory Information**U.S. Federal Regulations**

SARA 313 toxic chemical notification and release reporting:

No products were found.

Clean Water Act (CWA) 307: No products were found.

Clean Water Act (CWA) 311: No products were found.

Clean Air Act (CAA) 112 regulated toxic substances: No products were found.

All Components of this product are listed or exempt from listing on TSCA Inventory.

State Regulations**California Prop 65**

WARNING: This product contains a chemical or chemicals known to the state of California to cause cancer, birth defects or other reproductive harm.:
Toluene

Section 16. Other Information

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

*NOTE: Hazard Determination System (HDS) ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although these ratings are not required on MSDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HDS ratings are to be used with a fully implemented program to relay the meanings of this scale.

Material Safety Data Sheet



Superior Solutions

Zep Inc.
1310 Seaboard Industrial Blvd.
Atlanta, GA 30318
1-877-I-BUY-ZEP (428-9937)
www.zep.com

Section 1. Chemical Product and Company Identification

Product name FLASH
Product use Concrete Cleaner
Product code 0723
Date of issue 05/13/08 **Supersedes** 11/09/05

Emergency Telephone Numbers

For MSDS Information:
Compliance Services 1-877-I-BUY-ZEP (428-9937)

For Medical Emergency
INFOTRAC: (877) 541-2016 Toll Free - All Calls Recorded

For Transportation Emergency
CHEMTREC: (800) 424-9300 - All Calls Recorded
In the District of Columbia (202) 483-7616

Prepared By
Compliance Services
1420 Seaboard Industrial Blvd.
Atlanta, GA 30318

311



ADVANCED AUTO PROS
2527 8TH AVE
GREELEY CO 80631-8409

Printing date: 06/28/11

Section 2. Hazards Identification

Emergency overview

DANGER !

CAUSES EYE AND SKIN BURNS.

*Hazard Determination System (HDS): Health, Flammability, Reactivity



NOTE: MSDS data pertains to the product as delivered in the original shipping container(s). Risk of adverse effects are lessened by following all prescribed safety precautions, including the use of proper personal protective equipment.

Acute Effects Routes of Entry Dermal contact.

- Eyes** Corrosive to eyes. Direct contact with the eyes can cause irreversible damage, including blindness.
- Skin** Skin contact may produce burns. The amount of tissue damage depends on length of contact. Skin inflammation is characterized by itching, scaling, or reddening.
- Inhalation** Avoid breathing dust. Inhalation of dust will produce irritation to gastro-intestinal or respiratory tract, characterized by burning, sneezing and coughing.
- Ingestion** May be harmful if swallowed. May cause burns to mouth, throat, and stomach.

Chronic effects

Repeated or prolonged exposure to the substance can produce target organs damage. Contains material which may cause damage to the following organs: upper respiratory tract, eyes. Repeated exposure of the eyes to a low level of dust can produce eye irritation. Repeated skin exposure can produce local skin destruction or dermatitis. Repeated inhalation of dust can produce varying degrees of respiratory irritation or lung damage.

Ingredients: Not listed as carcinogen by OSHA, NTP or IARC.

Additional Information: See Toxicological Information (Section 11)

Section 3. Composition/Information on Ingredients

Name of Hazardous Ingredients	CAS number	% by Weight
SODIUM METASILICATE; silicic acid (H ₂ -Si-O ₃) disodium salt; water glass	6834-92-0	70 - 80
SODIUM CARBONATE; soda ash; carbonic acid, disodium salt	497-19-8	5 - 15

Section 4. First Aid Measures

- Eye Contact** Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention immediately.
- Skin Contact** Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing or wear gloves. Continue to rinse for at least 10 minutes. Wash clothing before reuse. Get medical attention immediately.
- Inhalation** Move exposed person to fresh air. Flush mouth and nasal passages with water repeatedly. If irritation persists, get medical attention.
- Ingestion** Do not induce vomiting unless directed to do so by medical personnel. If affected person is conscious, give plenty of water to drink. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Section 5. Fire Fighting Measures

National Fire Protection Association (U.S.A.)



Flash Point	Not applicable
Flammable Limits	Not applicable
Flammability	Not applicable
Fire hazard	No specific fire or explosion hazard.
Fire-Fighting Procedures	Use an extinguishing agent suitable for the surrounding fire.

Section 6. Accidental Release Measures

Spill Clean up	Put on appropriate personal protective equipment (see section 8). Move containers from spill area. Vacuum or sweep up material and place in a designated, labeled waste container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.
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Section 7. Handling and Storage

Handling	Put on appropriate personal protective equipment (see section 8). Do not get in eyes or on skin or clothing. Do not breathe dust. Do not ingest. Use with adequate ventilation. Empty containers retain product residue and can be hazardous. Do not reuse container. Wash thoroughly after handling. Observe label precautions.
Storage	Contains moisture-sensitive material. Store in a dry place. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Store between the following temperatures: 40°F - 120°F (4.4°C - 49°C). Keep out of the reach of children.

Section 8. Exposure Controls/Personal Protection**Product name**SODIUM METASILICATE; silicic acid (H₂-Si-O₃) disodium salt; water glass**Exposure limits**

ACGIH TLV (United States).
TWA: 10 mg/m³ 8 hour(s). Form: Dust
OSHA PEL (United States).
: 15 mg/m³ Form: Dust

SODIUM CARBONATE; soda ash; carbonic acid, disodium salt

ACGIH (United States).
: 15 mg/m³ Form: Dust
OSHA PEL (United States).
TWA: 15 mg/m³ 8 hour(s). Form: Total dust

Personal Protective Equipment (PPE)

Eyes	Splash goggles. Recommended: Face shield.
Body	Wear appropriate protective clothing to prevent skin contact. Recommended: Rubber gloves. Neoprene gloves. Nitrile gloves. Chemical-resistant apron. Chemical resistant boots.
Respiratory	Use with adequate ventilation. If dust is generated and ventilation is inadequate, use respirator that will protect against dust/mist.

Section 9. Physical and Chemical Properties

Physical State	Solid. [Powder.]	Color Orange.
pH	Not applicable.	Odor Pine
Boiling Point	Not applicable.	Vapor Pressure Not applicable.
Specific Gravity	Not applicable.	Vapor Density Not applicable.
Solubility	Soluble in the following materials: cold water and hot water.	Evaporation Rate Not applicable.
		VOC (Consumer) 0.67%

Section 10. Stability and Reactivity

Stability and Reactivity	The product is stable.
Incompatibility	Slightly reactive or incompatible with the following materials: metals and acids.
Hazardous Polymerization	Will not occur.
Hazardous Decomposition Products	carbon oxides (CO, CO ₂), sulfur oxides (SO ₂ , SO ₃ etc.)

Section 11. Toxicological Information**Acute Toxicity**

Product/ingredient name	Result	Species	Dose	Exposure
Sodium Metasilicate	LD50 Oral	Rat	2200 mg/kg	-
Sodium Carbonate	LD50 Oral	Rat	2800 mg/kg	-

Section 12. Ecological Information

Environmental Effects No known significant effects or critical hazards.

Aquatic Ecotoxicity

Product/ingredient name	Test	Result	Species	Exposure
Sodium Carbonate	-	Acute LC50 300 mg/L	Fish - Bluegill.	96 hours
	-	Acute LC50 265 mg/L	Daphnia	96 hours

Section 13. Disposal Considerations**Waste Information**

Waste must be disposed of in accordance with federal, state and local environmental control regulations. Consult your local or regional authorities for additional information.

Waste Stream Code: - (None.)

Classification: - (Non-hazardous waste)

Section 14. Transport Information

Regulatory information	UN number	Proper shipping name	Classes	PG*	Label
DOT Classification	Not applicable.	Not a DOT controlled material (United States).			
IMDG Class	Not determined.				

NOTE: DOT classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.

PG* : Packing group

Section 15. Regulatory Information**U.S. Federal Regulations**

SARA 313 toxic chemical notification and release reporting:

No products were found.

Clean Water Act (CWA) 307: No products were found.

Clean Water Act (CWA) 311: No products were found.

Clean Air Act (CAA) 112 regulated toxic substances: No products were found.

All Components of this product are listed or exempt from listing on TSCA Inventory.

State Regulations

California Prop 65 No products were found.

Section 16. Other Information

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

*NOTE: Hazard Determination System (HDS) ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although these ratings are not required on MSDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HDS ratings are to be used with a fully implemented program to relay the meanings of this scale.

Material Safety Data Sheet



Superior Solutions

Zep Sales & Service, A Unit of Zep Inc.
1310 Seaboard Industrial Blvd.
Atlanta, GA 30318
1-877-I-BUY-ZEP (428-9937)
www.zep.com

Section 1. Chemical Product and Company Identification

Product name ELECTRIC SLIDE (AEROSOL)
Product use Aerosol Lubricant
Product code 3612
Date of issue 04/25/08 **Supersedes**

Emergency Telephone Numbers

For MSDS Information:
Compliance Services 1-877-I-BUY-ZEP (428-9937)

For Medical Emergency
INFOTRAC: (877) 541-2016 Toll Free - All Calls Recorded

For Transportation Emergency
CHEMTREC: (800) 424-9300 - All Calls Recorded
In the District of Columbia (202) 483-7616

Prepared By

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269



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2527 8TH AVE
GREELEY CO 80631-8409

Printing date: 02/11/11

Section 2. Hazards Identification

Emergency overview

DANGER

FLAMMABLE LIQUID AND VAPOR.
HARMFUL IF INHALED.
CAUSES EYE IRRITATION.
CONTENTS UNDER PRESSURE.

*Hazard Determination System (HDS): Health, Flammability, Reactivity



NOTE: MSDS data pertains to the product as delivered in the original shipping container(s). Risk of adverse effects are lessened by following all prescribed safety precautions, including the use of proper personal protective equipment.

Acute Effects

Routes of Entry

Dermal contact. Inhalation.

- Eyes** Contact may cause eye irritation. Inflammation of the eye is characterized by redness, watering and itching.
- Skin** Prolonged or repeated contact may dry skin and cause irritation. Skin inflammation is characterized by itching, scaling, or reddening.
- Inhalation** Over-exposure by inhalation may cause respiratory irritation. Exposure to high concentrations can cause dizziness, lightheadness, headache, nausea, and blurred vision.
- Ingestion** Harmful if swallowed. Aspiration hazard if swallowed. Can enter lungs and cause damage.

Chronic effects

Repeated or prolonged exposure to the substance can produce damage to kidneys, central nervous system (CNS). Prolonged skin contact may cause dermatitis with drying and cracking of skin.

Carcinogenicity Ingredients: Not listed as carcinogen by OSHA, NTP or IARC.

Additional Information: See Toxicological Information (Section 11)

Section 3. Composition/Information on Ingredients

Name of Hazardous Ingredients

LIGHT ALIPHATIC NAPHTHA; solvent naphtha (petroleum), medium aliphatics
SILICA, Amorphous, fumed
HYDROCARBON PROPELLANT; Blend of Propane & iso-Butane

CAS number

64742-88-7
112945-52-5
74-98-6;75-28-5

% by Weight

25 - 50
5 - 20
15 - 30

Section 4. First Aid Measures

- Eye Contact** Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Check for and remove any contact lenses. Get medical attention.
- Skin Contact** Wash affected area with soap or mild detergent and water. Remove contaminated clothing and shoes. Wash clothing before reuse. If irritation persists, get medical attention.
- Inhalation** If inhaled, remove to fresh air. If irritation persists, get medical attention.
- Ingestion** Aspiration hazard if swallowed. Can enter lungs and cause damage. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Section 5. Fire Fighting Measures

National Fire Protection Association (U.S.A.)



Flash Point	Not available.
Flammable Limits	Not available.
Flammability	Flammable aerosol (CSMA Method)
Fire hazard	CONTENTS UNDER PRESSURE. Flammable liquid and vapor. Vapor may cause flash fire. In a fire or if heated, a pressure increase will occur and the container may burst. Bursting aerosol containers may be propelled from a fire at high speed. May decompose to form toxic/corrosive gases (Formaldehyde).
Fire-Fighting Procedures	Use dry chemical, CO ₂ , water spray (fog) or foam. Cool containers with water jet in order to prevent pressure build-up, auto-ignition or explosion. Do not release runoff from fire to sewers or waterways.

Section 6. Accidental Release Measures

Spill Clean up Unlikely in this form. Large spills are unlikely due to packaging.

Section 7. Handling and Storage

Handling	Keep away from heat, sparks and flame. Put on appropriate personal protective equipment (see section 8). Avoid contact with eyes, skin and clothing. Avoid breathing vapors, spray or mists. Use only with adequate ventilation. Do not ingest. Wash thoroughly after handling. Observe label precautions.
Storage	CONTENTS UNDER PRESSURE. Store and use away from heat, sparks, open flame or any other ignition source. Do not puncture or incinerate container. Keep away from food, drink and animal feeding stuffs. Keep out of the reach of children. Store below 120°F (49°C).

Section 8. Exposure Controls/Personal Protection**Product name**

LIGHT ALIPHATIC NAPHTHA; solvent naphtha (petroleum), medium aliphatics

SILICA, Amorphous, fumed

HYDROCARBON PROPELLENT; Blend of Propane & iso-Butane

Exposure limits

ACGIH TLV (United States).

TWA: 100 ppm 8 hour(s).

Supplier Suggested TLV (United States).

TWA: 100 ppm 8 hour(s).

ACGIH TLV (United States).

TWA: 6 mg/m³ 8 hour(s).

OSHA PEL (United States).

TWA: 10 mg/m³ 8 hour(s).

OSHA PEL (United States).

TWA: 800 ppm 8 hour(s).

Personal Protective Equipment (PPE)

Eyes	Safety glasses.
Body	Protective gloves should be worn during handling. Recommended: Rubber gloves. Nitrile gloves. Neoprene gloves.
Respiratory	Use with adequate ventilation. A respirator is not needed under normal and intended conditions of product use. If general ventilation is inadequate, local exhaust ventilation should be used.

**Section 9. Physical and Chemical Properties**

Physical State	Liquid. [Aerosol.]	Color	Translucent.
pH	Not applicable	Odor	Mild.
Boiling Point	Not available.	Vapor Pressure	Not determined.
Specific Gravity	1.23	Vapor Density	Not available.
Solubility	Insoluble in water	Evaporation Rate	1 (Water = 1)
		VOC (Consumer)	29.6% 3.03 (lb/gal) 363 (g/l)

Section 10. Stability and Reactivity

Stability and Reactivity	The product is stable.
Incompatibility	Slightly reactive or incompatible with the following materials: acids and oxidizing agents. Protect from temperature extremes and direct sunlight.
Hazardous Polymerization	Will not occur.
Hazardous Decomposition Products	carbon oxides and organic chemicals.

Section 11. Toxicological Information**Acute Toxicity**

Product/ingredient name	Result	Species	Dose	Exposure
Propellant; Blend of Propane and iso-Butane	LC50 Inhalation Gas.	Rat	658000 ppm	4 hours

Section 12. Ecological Information

Environmental Effects No applicable toxicity data

Aquatic Ecotoxicity

Not available.

Section 13. Disposal Considerations**Waste Information**

Waste must be disposed of in accordance with federal, state and local environmental control regulations. Consult your local or regional authorities for additional information.

Waste Stream Code: - D001
 Classification: - [Ignitable hazardous waste.]
 Origin: - [RCRA waste.]

Section 14. Transport Information

Regulatory information	UN number	Proper shipping name	Classes	PG*	Label
DOT Classification	None.	Consumer commodity	ORM-D	-	
IMDG Class	Not determined.			-	

NOTE: DOT classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.

PG* : Packing group

Section 15. Regulatory Information**U.S. Federal Regulations**

SARA 313 toxic chemical notification and release reporting:

No products were found.

Clean Water Act (CWA) 307: No products were found.

Clean Water Act (CWA) 311: No products were found.

Clean Air Act (CAA) 112 regulated toxic substances: No products were found.

All Components of this product are listed or exempt from listing on TSCA Inventory.

State Regulations

California Prop 65 No products were found.

Section 16. Other Information

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

*NOTE: Hazard Determination System (HDS) ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although these ratings are not required on MSDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HDS ratings are to be used with a fully implemented program to relay the meanings of this scale.

Material Safety Data Sheet



Superior Solutions

Zep, Inc.
1310 Seaboard Industrial Blvd.
Atlanta, GA 30318
1-877-I-BUY-ZEP (428-9937)
www.zep.com

Section 1. Chemical Product and Company Identification

Product name Z-MAXX BRAKE WASH (X-4402)
Product use Non-Chlorinated Brake Parts Cleaner
Product code 0666
Date of issue 03/19/10 **Supersedes** 11/23/09

Emergency Telephone Numbers

For MSDS Information:
Compliance Services 1-877-I-BUY-ZEP (428-9937)

For Medical Emergency
(877) 541-2016 Toll Free - All Calls Recorded

For Transportation Emergency
CHEMTREC: (800) 424-9300 - All Calls Recorded
In the District of Columbia (202) 483-7616

Prepared By

Compliance Services
1420 Seaboard Industrial Blvd.
Atlanta, GA 30318

791



ADVANCED AUTO PROS
2527 8TH AVE
GREELEY CO 80631-8409

Printing date: 03/30/10

Section 2. Hazards Identification

Emergency overview

DANGER!

EXTREMELY FLAMMABLE LIQUID AND VAPOR. VAPOR MAY CAUSE FLASH FIRE. CAUSES EYE AND SKIN IRRITATION. HARMFUL OR FATAL IF SWALLOWED. VAPOR HARMFUL. Do not smoke.

*Hazard Determination System (HDS): Health, Flammability, Reactivity



NOTE: MSDS data pertains to the product as delivered in the original shipping container(s). Risk of adverse effects are lessened by following all prescribed safety precautions, including the use of proper personal protective equipment.

Acute Effects

Routes of Entry

Dermal contact. Inhalation.

Eyes Causes eye irritation. Inflammation of the eye is characterized by redness, watering and itching.

Skin Causes skin irritation. Skin inflammation is characterized by itching, scaling, or reddening. Defatting properties, may aggravate an existing dermatitis

Inhalation Avoid breathing vapors, spray or mists. Inhalation causes headaches, dizziness, drowsiness and nausea and may lead to unconsciousness. Can cause central nervous system (CNS) depression. Over-exposure by inhalation may cause respiratory irritation.

Ingestion May be fatal if swallowed. Aspiration hazard if swallowed. Can enter lungs and cause damage.

Chronic effects

Overexposure of this product by inhalation or absorption can produce central nervous system depression resulting in headache, nausea and/or dizziness. Repeated or prolonged exposure to spray or mist may produce respiratory tract irritation leading to frequent attacks of bronchial infection. Prolonged skin contact may cause dermatitis with drying and cracking of skin. Contains material which may cause damage to the following organs: kidneys, liver, heart, brain, central nervous system (CNS).

Carcinogenicity

Ingredients: Not listed as carcinogen by OSHA, NTP or IARC.

Product/ingredient name

ACGIH

IARC

EPA

NIOSH

NTP

OSHA

None.

Additional Information: See Toxicological Information (Section 11)

Section 3. Composition/Information on Ingredients

Name of Hazardous Ingredients

CAS number

% by Weight

HEPTANE; n-heptane

142-82-5

>95

Section 4. First Aid Measures

- Eye Contact** Check for and remove any contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately.
- Skin Contact** In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Clean shoes thoroughly before reuse. Get medical attention if irritation develops.
- Inhalation** Move exposed person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.
- Ingestion** Aspiration hazard if swallowed. Can enter lungs and cause damage. If vomiting occurs, keep head lower than hips to help prevent aspiration. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Section 5. Fire Fighting Measures

National Fire Protection Association (U.S.A.)



- Flash Point** Closed cup: -9.4°C (15°F)
[Tagliabuc.]
- Flammable Limits** Lower: 1.2%
Upper: 6.7%
- Flammability** Extremely flammable liquid and vapor.
- Fire hazard** EXTREMELY FLAMMABLE LIQUID AND VAPOR. Vapors may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back. In a fire or if heated, a pressure increase will occur and the container may burst.
- Fire-Fighting Procedures** Use an extinguishing agent suitable for the surrounding fire.

Section 6. Accidental Release Measures

- Spill Clean up** Eliminate all ignition sources. Put on appropriate personal protective equipment (see section 8). Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Section 7. Handling and Storage

- Handling** Put on appropriate personal protective equipment (see section 8). Store and use away from heat, sparks, open flame or any other ignition source. Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Use only with adequate ventilation. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by grounding and bonding containers and equipment before transferring material. Empty containers retain product residue and can be hazardous. Do not reuse container.
- Storage** Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Eliminate all ignition sources. Keep container tightly closed and sealed until ready for use. Do not store in unlabeled containers. Keep out of the reach of children.

Section 8. Exposure Controls/Personal Protection**Product name**

HEPTANE; n-heptane

Exposure limits**ACGIH TLV (United States, 1/2009).**

TWA: 400 ppm 8 hour(s).

TWA: 1640 mg/m³ 8 hour(s).

STEL: 500 ppm 15 minute(s).

STEL: 2050 mg/m³ 15 minute(s).**OSHA PEL 1989 (United States, 3/1989).**

TWA: 400 ppm 8 hour(s).

TWA: 1600 mg/m³ 8 hour(s).

STEL: 500 ppm 15 minute(s).

STEL: 2000 mg/m³ 15 minute(s).**NIOSH REL (United States, 6/2008).**

TWA: 85 ppm 10 hour(s).

TWA: 350 mg/m³ 10 hour(s).

CEIL: 440 ppm 15 minute(s).

CEIL: 1800 mg/m³ 15 minute(s).**OSHA PEL (United States, 11/2006).**

TWA: 500 ppm 8 hour(s).

TWA: 2000 mg/m³ 8 hour(s).**Personal Protective Equipment (PPE)**

Eyes Splash goggles.



- Body** Wear appropriate protective clothing to prevent skin contact.
Recommended: Viton gloves. Neoprene gloves. Nitrile gloves.
- Respiratory** Use with adequate ventilation. Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective occupational exposure limits. Wear appropriate respirator when ventilation is inadequate.

Section 9. Physical and Chemical Properties

Physical State	Liquid. [Clear.]	Color	Colorless.
pH	Not applicable.	Odor	Hydrocarbon. [Slight]
Boiling Point	91°C (195.8°F)	Vapor Pressure	4.7 kPa (35.6 mm Hg)
Specific Gravity	0.693	Vapor Density	3.5 [Air = 1]
Solubility	Insoluble in the following materials: cold water and hot water.	Evaporation Rate	>1 (butyl acetate = 1)
		VOC (Consumer)	100.0% 5.77 (lb/gal) 692 g/l

Section 10. Stability and Reactivity

- Stability and Reactivity** The product is stable.
- Incompatibility** Keep away from heat, sparks and flame. Reactive or incompatible with the following materials: oxidizing materials.
- Hazardous Polymerization** Under normal conditions of storage and use, hazardous polymerization will not occur.
- Hazardous Decomposition Products** carbon oxides (CO, CO₂)

Section 11. Toxicological Information

Acute Toxicity

Product/ingredient name	Result	Species	Dose	Exposure
Heptane	LD50 Oral	Mouse	15000 mg/kg	-
	LC50 Inhalation Vapor	Rat	103 g/m ³	4 hours
	LC50 Inhalation Gas.	Mouse	18295 ppm	2 hours

Section 12. Ecological Information

Environmental Effects Not available.

Aquatic Ecotoxicity

Product/ingredient name	Test	Result	Species	Exposure
Heptane	-	Acute LC50 4924000 ug/L Fresh water	Fish - Western mosquito fish - Gambusia affinis - Adult	96 hours
	-	Acute LC50 375000 ug/L Fresh water	Fish - Mozambique tilapia - Tilapia mossambica - 99 mm - 10 g	96 hours


Section 13. Disposal Considerations

Waste Information

Waste must be disposed of in accordance with federal, state and local environmental control regulations. Consult your local or regional authorities for additional information.

Waste Stream Code: D001
Classification: - [Hazardous waste.]
Origin: - [RCRA waste.]

Section 14. Transport Information

Regulatory information	UN number	Proper shipping name	Classes	PG*	Label
DOT Classification	1993	Flammable liquid, n.o.s. (Heptane)	3	II	
IMDG Class					

NOTE: DOT classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.

PG* : Packing group

Section 15. Regulatory Information**U.S. Federal Regulations**

SARA 313 toxic chemical notification and release reporting:

No products were found.

Clean Water Act (CWA) 307: No products were found.

Clean Water Act (CWA) 311: No products were found.

Clean Air Act (CAA) 112 regulated toxic substances: No products were found.

All Components of this product are listed or exempt from listing on TSCA Inventory.

State Regulations**California Prop 65**

WARNING: This product contains a chemical or chemicals known to the state of California to cause cancer, birth defects or other reproductive harm.:
Toluene

Section 16. Other Information

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

*NOTE: Hazard Determination System (HDS) ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although these ratings are not required on MSDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HDS ratings are to be used with a fully implemented program to relay the meanings of this scale.

Material Safety Data Sheet



Superior Solutions

Zep, Inc.
1310 Seaboard Industrial Blvd.
Atlanta, GA 30318
1-877-I-BUY-ZEP (428-9937)
www.zcp.com

Section 1. Chemical Product and Company Identification

Product name SUPER FLASH
Product use Concrete Cleaner
Product code 0794
Date of issue 02/03/10 **Supersedes** 01/15/09

Emergency Telephone Numbers

For MSDS Information:
Compliance Services 1-877-I-BUY-ZEP (428-9937)

For Medical Emergency
(877) 541-2016 Toll Free - All Calls Recorded

For Transportation Emergency
CHEMTREC: (800) 424-9300 - All Calls Recorded
In the District of Columbia (202) 483-7616

Prepared By

Compliance Services
1420 Seaboard Industrial Blvd.
Atlanta, GA 30318

ADVANCED AUTO PROS
2527 8TH AVE
GREELEY CO 80631-8409

Printing date: 03/30/10

Section 2. Hazards Identification

Emergency overview

DANGER !

CAUSES EYE AND SKIN BURNS. CAUSES RESPIRATORY TRACT IRRITATION. HARMFUL IF SWALLOWED.

*Hazard Determination System (HDS): Health, Flammability, Reactivity



NOTE: MSDS data pertains to the product as delivered in the original shipping container(s). Risk of adverse effects are lessened by following all prescribed safety precautions, including the use of proper personal protective equipment.

Acute Effects

Routes of Entry

Dermal contact. Eye contact. Inhalation. Ingestion.

Eyes Corrosive to eyes. Direct contact with the eyes can cause irreversible damage, including blindness.

Skin Skin contact may produce burns. The amount of tissue damage depends on length of contact. Skin inflammation is characterized by itching, scaling, or reddening.

Inhalation Avoid breathing dust. Inhalation of dust will produce irritation to gastro-intestinal or respiratory tract, characterized by burning, sneezing and coughing.

Ingestion May be harmful if swallowed. May cause burns to mouth, throat, and stomach.

Chronic effects

Repeated exposure of the eyes to a low level of dust can produce eye irritation. Repeated skin exposure can produce local skin destruction or dermatitis. Repeated inhalation of dust can produce varying degrees of respiratory irritation or lung damage.

Garcinogenicity

Ingredients: Not listed as carcinogen by OSHA, NTP or IARC.

Product/ingredient name

ACGIH

IARC

EPA

NIOSH

NTP

OSHA

None.

Additional Information: See Toxicological Information (Section 11)

Section 3. Composition/Information on Ingredients

Name of Hazardous Ingredients	CAS number	% by Weight
SODIUM METASILICATE; silicic acid (H ₂ -Si-O ₃) disodium salt; water glass	6834-92-0	70 - 80
SODIUM CARBONATE; soda ash; carbonic acid, disodium salt	497-19-8	20 - 30

Section 4. First Aid Measures

Eye Contact Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention immediately.

Skin Contact Flush affected skin with plenty of water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing or wear gloves. Continue to rinse for at least 10 minutes. Wash clothing before reuse. Get medical attention immediately.

Inhalation Move exposed person to fresh air. Flush mouth and nasal passages with water repeatedly. If irritation persists, get medical attention.

Ingestion Do not induce vomiting unless directed to do so by medical personnel. If affected person is conscious, give plenty of water to drink. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Section 5. Fire Fighting Measures

National Fire Protection Association (U.S.A.)



Flash Point Not applicable

Flammable Limits Not applicable

Flammability Not applicable

Fire hazard No specific fire or explosion hazard.

Fire-Fighting Procedures Use an extinguishing agent suitable for the surrounding fire.

Section 6. Accidental Release Measures

Spill Clean up Put on appropriate personal protective equipment (see section 8). Move containers from spill area. Vacuum or sweep up material and place in a designated, labeled waste container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

Section 7. Handling and Storage

Handling Put on appropriate personal protective equipment (see section 8). Do not get in eyes or on skin or clothing. Do not breathe dust. Do not ingest. Use with adequate ventilation. Empty containers retain product residue and can be hazardous. Do not reuse container. Wash thoroughly after handling. Observe label precautions.

Storage Contains moisture-sensitive material. Store in a dry place. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Store between the following temperatures: 40°F - 120°F (4.4°C - 49°C). Keep out of the reach of children.

Section 8. Exposure Controls/Personal Protection

Product name

SODIUM METASILICATE; silicic acid (H₂-Si-O₃) disodium salt; water glass

Exposure limits

ACGIH TLV (United States).
TWA: 10 mg/m³ 8 hour(s). Form: Dust
OSHA PEL (United States).
: 15 mg/m³ Form: Dust

SODIUM CARBONATE; soda ash; carbonic acid, disodium salt

ACGIH (United States).
: 15 mg/m³ Form: Dust
OSHA PEL (United States).
TWA: 15 mg/m³ 8 hour(s). Form: Total dust

Personal Protective Equipment (PPE)



Eyes Splash goggles. Recommended: Face shield.

Body Wear appropriate protective clothing to prevent skin contact. Recommended: Rubber gloves. Neoprene gloves. Nitrile gloves. Chemical-resistant apron. Chemical resistant boots.

Respiratory Use with adequate ventilation. If dust is generated and ventilation is inadequate, use respirator that will protect against dust/mist.

Section 9. Physical and Chemical Properties

Physical State Solid. [Powder.] **Color** Yellow.

pH 12.2 - 12.6 [Conc. (% w/w): 1%] **Odor** Mild.

Boiling Point Not applicable. **Vapor Pressure** Not applicable.

Specific Gravity Not applicable. **Vapor Density** Not applicable.

Solubility Soluble in the following materials: cold water and hot water. **Evaporation Rate** Not applicable.

VOC (Consumer) 0.78%

Section 10. Stability and Reactivity

Stability and Reactivity The product is stable.

Incompatibility Slightly reactive or incompatible with the following materials: metals and acids.

Hazardous Polymerization Will not occur.

Hazardous Decomposition Products carbon oxides (CO, CO₂)

Section 11. Toxicological Information**Acute Toxicity**

Product/ingredient name	Result	Species	Dose	Exposure
Sodium Metasilicate	LD50 Oral	Rat	2200 mg/kg	-
Sodium Carbonate	LD50 Oral	Rat	2800 mg/kg	-

Section 12. Ecological Information

Environmental Effects Not available.

Aquatic Ecotoxicity

Product/ingredient name	Test	Result	Species	Exposure
Sodium Carbonate	-	Acute LC50 300 mg/L	Fish - Bluegill.	96 hours
	-	Acute LC50 265 mg/L	Daphnia	96 hours

Section 13. Disposal Considerations**Waste Information**

Waste must be disposed of in accordance with federal, state and local environmental control regulations. Consult your local or regional authorities for additional information.

Waste Stream Code: - (None.)
Classification: - (Non-hazardous waste)

Section 14. Transport Information

Regulatory information	UN number	Proper shipping name	Classes	PG*	Label
DOT Classification	Not applicable.	Not a DOT controlled material (United States).			

NOTE: DOT classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.

PG* : Packing group

Section 15. Regulatory Information**U.S. Federal Regulations**

SARA 313 toxic chemical notification and release reporting:

No products were found.

Clean Water Act (CWA) 307: No products were found.

Clean Water Act (CWA) 311: No products were found.

Clean Air Act (CAA) 112 regulated toxic substances: No products were found.

All Components of this product are listed or exempt from listing on TSCA Inventory.

State Regulations

California Prop 65 No products were found.

Section 16. Other Information

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

*NOTE: Hazard Determination System (HDS) ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although these ratings are not required on MSDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HDS ratings are to be used with a fully implemented program to relay the meanings of this scale.

Material Safety Data Sheet



Superior Solutions

Zep, Inc.
1310 Seaboard Industrial Blvd.
Atlanta, GA 30318
1-877-I-BUY-ZEP (428-9937)
www.zep.com

Section 1. Chemical Product and Company Identification

Product name ZEP RECIRCULATING DETERGENT
Product use Cleaner.
Product code 0363
Date of issue 07/08/09 **Supersedes** 04/25/00

Emergency Telephone Numbers

For MSDS Information:
Compliance Services 1-877-I-BUY-ZEP (428-9937)

For Medical Emergency
(877) 541-2016 Toll Free - All Calls Recorded

For Transportation Emergency
CHEMTREC: (800) 424-9300 - All Calls Recorded
In the District of Columbia (202) 483-7616

Prepared By

Compliance Services
1420 Seaboard Industrial Blvd.
Atlanta, GA 30318

Printing date: 01/29/10



00528

B342

ADVANCED AUTO PROS
2527 8TH AVE
GREELEY CO 80631-8409

Section 2. Hazards Identification

Emergency overview

DANGER !

CAUSES EYE AND SKIN BURNS. HARMFUL IF SWALLOWED.

*Hazard Determination System (HDS): Health, Flammability, Reactivity



NOTE: MSDS data pertains to the product as delivered in the original shipping container(s). Risk of adverse effects are lessened by following all prescribed safety precautions, including the use of proper personal protective equipment.

Acute Effects

Routes of Entry

Dermal contact. Eye contact. Inhalation.

- Eyes** Causes eye burns. Direct contact with the eyes can cause irreversible damage, including blindness.
- Skin** Causes skin burns. Skin inflammation is characterized by itching, scaling, reddening or, occasionally, blistering.
- Inhalation** Inhalation of dust will produce irritation to gastro-intestinal or respiratory tract, characterized by burning, sneezing and coughing.
- Ingestion** Harmful if swallowed. May cause burns to mouth, throat and stomach.

Chronic effects

Repeated or prolonged inhalation of dust may lead to chronic respiratory irritation. Repeated or prolonged exposure to spray mist may produce respiratory tract irritation leading to frequent attacks of bronchial infection. Repeated or prolonged contact with spray or mist may produce chronic eye irritation and severe skin irritation.

Carcinogenicity

No known significant effects or critical hazards.

Product/ingredient name

Not available.

Additional information: See Toxicological Information (Section 11)

Section 3. Composition/Information on Ingredients

<u>Name of Hazardous Ingredients</u>	<u>CAS number</u>	<u>% by Weight</u>
SODIUM CARBONATE; soda ash; carbonic acid; disodium salt	497-19-8	30 - 40
SODIUM METASILICATE; silicic acid (H ₂ -Si-O ₃) disodium salt; water glass	6834-92-0	30 - 40
TETRASODIUM PYROPHOSPHATE; TSPP; pyrophosphoric acid, tetrasodium salt	7320-34-5	10 - 20
NONYLPHENOXY POLY(ETHYLENEOXY) ETHANOL - npe; poly(oxy-1,2-ethanediyl)	9016-45-9	1 - 10
alpha-(nonylphenyl)-omega-hydroxy		
SODIUM BENZOATE	532-32-1	1 - 5

Section 4. First Aid Measures

- Eye Contact** Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention immediately.
- Skin Contact** Flush affected skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Get medical attention immediately.
- Inhalation** Move exposed person to fresh air. If irritation persists, get medical attention.
- Ingestion** Do not induce vomiting unless directed to do so by medical personnel. If affected person is conscious, give plenty of water to drink. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Section 5. Fire Fighting Measures

National Fire Protection Association (U.S.A.)



- Flash Point** Not applicable
- Flammable Limits** Not available.
- Flammability** Non-combustible.
- Fire hazard** May emit toxic fumes under fire conditions. No specific fire or explosion hazard.
- Fire-Fighting Procedures** Use an extinguishing agent suitable for the surrounding fire.

Section 6. Accidental Release Measures

- Spill Clean up** Put on appropriate personal protective equipment (see section 8). Move containers from spill area. Vacuum or sweep up material and place in a designated, labeled waste container.

Section 7. Handling and Storage

- Handling** Put on appropriate personal protective equipment (see section 8). Avoid contact with eyes, skin and clothing. Avoid the inhalation of dust, particulates, spray or mist arising from the application of this preparation. Use with adequate ventilation. Do not ingest. Wash thoroughly after handling. Do not reuse container.
- Storage** Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Contains moisture-sensitive material. Store in a dry place. Keep out of the reach of children.

Section 8. Exposure Controls/Personal Protection**Product name**

SODIUM CARBONATE; soda ash; carbonic acid; disodium salt

SODIUM METASILICATE; silicic acid (H₂-Si-O₃) disodium salt; water glass

TETRASODIUM PYROPHOSPHATE; TSPP; pyrophosphoric acid, tetrasodium salt

SODIUM BENZOATE

Exposure limits**OSHA PEL (United States).**TWA: 5 mg/m³ 8 hour(s).**ACGIH TLV (United States).**TWA: 10 mg/m³ 8 hour(s). Form: Dust**OSHA PEL (United States).**: 15 mg/m³ Form: Dust**OSHA / ACGIH (United States).**TWA: 5 mg/m³ 8 hour(s).**ACGIH / OSHA (United States).**TWA: 5 mg/m³ 8 hour(s). Form: Respirable dust**Personal Protective Equipment (PPE)**

- Eyes** Splash goggles. Face shield.
- Body** Wear appropriate protective clothing to prevent skin contact. Recommended: Rubber gloves. Neoprene gloves. Nitrile gloves. Wear apron or coverall if there is a risk of exposure to splashes.
- Respiratory** Use with adequate ventilation. If dust is generated and ventilation is inadequate, use respirator that will protect against dust/mist.

**Section 9. Physical and Chemical Properties**

- Physical State** Solid. [Powder.]
- pH** Not applicable.
- Boiling Point** Not applicable.
- Specific Gravity** Not applicable.
- Solubility** Partially soluble in the following materials: cold water and hot water.
- Color** White.
- Odor** Odorless.
- Vapor Pressure** Not applicable.
- Vapor Density** Not applicable.
- Evaporation Rate** Not applicable.
- VOC (Consumer)** 0 (g/l). (0.0%)

Section 10. Stability and Reactivity

Stability and Reactivity The product is stable.
Incompatibility Reactive or incompatible with the following materials: acids.
Hazardous Polymerization Will not occur.
Hazardous Decomposition Products carbon oxides (CO, CO₂), phosphorus oxides

Section 11. Toxicological Information**Acute Toxicity**

Product/ingredient name	Result	Species	Dose	Exposure
Sodium Carbonate	LD50 Oral	Rat	4090 mg/kg	-
	LC50 Inhalation Dusts and mists	Rat	2300 mg/m ³	2 hours
Sodium Metasilicate	LD50 Oral	Rat	2200 mg/kg	-
	LD50 Dermal	Rabbit	>2000 mg/kg	-
Tetrapotassium Pyrophosphate	LD50 Oral	Mouse	2980 mg/kg	-
	LD50 Oral	Rat	4000 mg/kg	-
Nonylphenoxypoly(Ethyleneoxy)Ethano	LD50 Dermal	Rabbit	2000 mg/kg	-
	LD50 Oral	Rat	3310 mg/kg	-
Sodium Benzoate	LD50 Dermal	Rabbit	2000 mg/kg	-
	LD50 Dermal	Rat	2000 mg/kg	-
	LD50 Oral	Rat	3140 mg/kg	-
	LD50 Oral	Mouse	1600 mg/kg	-

Section 12. Ecological Information

Environmental Effects No known significant effects or critical hazards.

Aquatic Ecotoxicity

Not available.

Section 13. Disposal Considerations**Waste Information**

Waste must be disposed of in accordance with federal, state and local environmental control regulations. Consult your local or regional authorities for additional information.

Waste Stream Code: - [Not applicable.]
 Classification: - [Non-hazardous waste]

Section 14. Transport Information

Regulatory information	UN number	Proper shipping name	Classes	PG*	Label
DOT Classification	Not regulated.	Not applicable.	-		

NOTE: DOT classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.

PG* : Packing group

Section 15. Regulatory Information**U.S. Federal Regulations**

SARA 313 toxic chemical notification and release reporting:

No products were found.

Clean Water Act (CWA) 307: No products were found.

Clean Water Act (CWA) 311: No products were found.

Clean Air Act (CAA) 112 regulated toxic substances: No products were found.

All Components of this product are listed or exempt from listing on TSCA Inventory.

State Regulations

California Prop 65 No products were found.

Section 16. Other Information

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

**NOTE: Hazard Determination System (HDS) ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although these ratings are not required on MSDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HDS ratings are to be used with a fully implemented program to relay the meanings of this scale.*

Material Safety Data Sheet



Superior Solutions

Zep Inc.
1310 Seaboard Industrial Blvd.
Atlanta, GA 30318
1-877-J-BUY-ZEP (428-9937)
www.zep.com

Section 1. Chemical Product and Company Identification

Product name SUPER FLASH
Product use Concrete Cleaner
Product code 0794
Date of issue 01/15/09 **Supersedes** 11/10/05

Emergency Telephone Numbers

For MSDS Information:
Compliance Services 1-877-I-BUY-ZEP (428-9937)

For Medical Emergency
(877) 541-2016 Toll Free - All Calls Recorded

For Transportation Emergency
CHEMTREC: (800) 424-9300 - All Calls Recorded
In the District of Columbia (202) 483-7616

Prepared By

Compliance Services
1420 Seaboard Industrial Blvd.
Atlanta, GA 30318

Printing date: 02/11/09



00527

B342

ADVANCED AUTO PROS
2527 8TH AVE
GREELEY CO 80631-8409

Section 2. Hazards Identification

Emergency overview

DANGER!

CAUSES EYE AND SKIN BURNS. CAUSES RESPIRATORY TRACT IRRITATION. HARMFUL IF SWALLOWED.

*Hazard Determination System (HDS): Health, Flammability, Reactivity

3

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NOTE: MSDS data pertains to the product as delivered in the original shipping container(s). Risk of adverse effects are lessened by following all prescribed safety precautions, including the use of proper personal protective equipment.

Acute Effects

Routes of Entry

Dermal contact. Eye contact. Inhalation. Ingestion.

Eyes Corrosive to eyes. Direct contact with the eyes can cause irreversible damage, including blindness.

Skin Skin contact may produce burns. The amount of tissue damage depends on length of contact. Skin inflammation is characterized by itching, scaling, or reddening.

Inhalation Avoid breathing dust. Inhalation of dust will produce irritation to gastro-intestinal or respiratory tract, characterized by burning, sneezing and coughing.

Ingestion May be harmful if swallowed. May cause burns to mouth, throat, and stomach.

Chronic effects

Repeated exposure of the eyes to a low level of dust can produce eye irritation. Repeated skin exposure can produce local skin destruction or dermatitis. Repeated inhalation of dust can produce varying degrees of respiratory irritation or lung damage.

Carcinogenicity Ingredients: Not listed as carcinogen by OSHA, NTP or IARC.

Additional Information: See Toxicological Information (Section 11)

Section 3. Composition/Information on Ingredients

Name of Hazardous Ingredients	CAS number	% by Weight
SODIUM METASILICATE; silicic acid (H2-Si-O3) disodium salt; water glass	6834-92-0	70 - 80
SODIUM CARBONATE; soda ash; carbonic acid, disodium salt	497-19-8	15 - 25
SODIUM TRIPOLYPHOSPHATE	7758-29-4	0 - 15

Section 4. First Aid Measures

Eye Contact Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention immediately.

Skin Contact Flush affected skin with plenty of water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing or wear gloves. Continue to rinse for at least 10 minutes. Wash clothing before reuse. Get medical attention immediately.

Inhalation Move exposed person to fresh air. Flush mouth and nasal passages with water repeatedly. If irritation persists, get medical attention.

Ingestion Do not induce vomiting unless directed to do so by medical personnel. If affected person is conscious, give plenty of water to drink. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Section 5. Fire Fighting Measures

National Fire Protection Association (U.S.A.)



Flash Point	Not applicable
Flammable Limits	Not applicable
Flammability	Not applicable
Fire hazard	No specific fire or explosion hazard.
Fire-Fighting Procedures	Use an extinguishing agent suitable for the surrounding fire.

Section 6. Accidental Release Measures

Spill Clean up Put on appropriate personal protective equipment (see section 8). Move containers from spill area. Vacuum or sweep up material and place in a designated, labeled waste container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

Section 7. Handling and Storage

Handling	Put on appropriate personal protective equipment (see section 8). Do not get in eyes or on skin or clothing. Do not breathe dust. Do not ingest. Use with adequate ventilation. Empty containers retain product residue and can be hazardous. Do not reuse container. Wash thoroughly after handling. Observe label precautions.
Storage	Contains moisture-sensitive material. Store in a dry place. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Store between the following temperatures: 40°F - 120°F (4.4°C - 49°C). Keep out of the reach of children.

Section 8. Exposure Controls/Personal Protection**Product name**

SODIUM METASILICATE; silicic acid (H₂-Si-O₃) disodium salt; water glass

Exposure limits

ACGIH TLV (United States).
TWA: 10 mg/m³ 8 hour(s). Form: Dust
OSHA PEL (United States).
: 15 mg/m³ Form: Dust

SODIUM CARBONATE; soda ash; carbonic acid, disodium salt

ACGIH (United States).
: 15 mg/m³ Form: Dust
OSHA PEL (United States).
TWA: 15 mg/m³ 8 hour(s). Form: Total dust

Personal Protective Equipment (PPE)

Eyes	Splash goggles. Recommended: Face shield.
Body	Wear appropriate protective clothing to prevent skin contact. Recommended: Rubber gloves. Neoprene gloves. Nitrile gloves. Chemical-resistant apron. Chemical resistant boots.
Respiratory	Use with adequate ventilation. If dust is generated and ventilation is inadequate, use respirator that will protect against dust/mist.

**Section 9. Physical and Chemical Properties**

Physical State	Solid. [Powder.]	Color Yellow.
pH	12.2 - 12.6 [Conc. (% w/w): 1%]	Odor Mild.
Boiling Point	Not applicable.	Vapor Pressure Not applicable.
Specific Gravity	Not applicable.	Vapor Density Not applicable.
Solubility	Soluble in the following materials: cold water and hot water.	Evaporation Rate Not applicable.
		VOC (Consumer) 0.78%

Section 10. Stability and Reactivity

Stability and Reactivity	The product is stable.
Incompatibility	Slightly reactive or incompatible with the following materials: metals and acids.
Hazardous Polymerization	Will not occur.
Hazardous Decomposition Products	carbon oxides (CO, CO ₂)

Section 11. Toxicological Information**Acute Toxicity**

Product/ingredient name	Result	Species	Dose	Exposure
Sodium Metasilicate	LD50 Oral	Rat	2200 mg/kg	-
Sodium Carbonate	LD50 Oral	Rat	2800 mg/kg	-
Sodium Tripolyphosphate	LD50 Dermal	Rabbit	>7940 mg/kg	-
	LD50 Oral	Rat	5400 mg/kg	-

Section 12. Ecological Information

Environmental Effects No known significant effects or critical hazards.

Aquatic Ecotoxicity

Product/ingredient name	Test	Result	Species	Exposure
Sodium Carbonate	-	Acute LC50 300 mg/L	Fish - Bluegill.	96 hours
	-	Acute LC50 265 mg/L	Daphnia	96 hours

Section 13. Disposal Considerations**Waste Information**

Waste must be disposed of in accordance with federal, state and local environmental control regulations. Consult your local or regional authorities for additional information.

Waste Stream Code: - (None.)
Classification: - (Non-hazardous waste)

Section 14. Transport Information

Regulatory information	UN number	Proper shipping name	Classes	PG*	Label
DOT Classification	Not applicable.	Not a DOT controlled material (United States).			
IMDG Class	Not determined.				

NOTE: DOT classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.

PG* : Packing group

Section 15. Regulatory Information**U.S. Federal Regulations**

SARA 313 toxic chemical notification and release reporting:

No products were found.

Clean Water Act (CWA) 307: No products were found.

Clean Water Act (CWA) 311: No products were found.

Clean Air Act (CAA) 112 regulated toxic substances: No products were found.

All Components of this product are listed or exempt from listing on TSCA Inventory.

State Regulations

California Prop 65 No products were found.

Section 16. Other Information

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

*NOTE: Hazard Determination System (HDS) ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although these ratings are not required on MSDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HDS ratings are to be used with a fully implemented program to relay the meanings of this scale.

C S-HW-A



Zep Inc.
1310 Seaboard Industrial Blvd.
Atlanta, GA 30318
1-877-1-BUY-ZEP (428-9937)
www.zep.com

Material Safety Data Sheet and Safe Handling and Disposal Information

Section 1. Chemical Product and Company Identification

Product name Meter Mist Autumn Harvest
Product use Odor Counteractant
Product code 3354
Date of issue 08/18/04 **Supersedes**



00485

B342

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2527 8TH AVE
GREELEY CO 80631-8409

Emergency Telephone Numbers

For MSDS Information:
Compliance Services 1-877-1-BUY-ZEP (428-9937)

For Medical Emergency
INFOTRAC: (877) 541-2016 Toll Free - All Calls Recorded

For Transportation Emergency
CHEMTREC: (800) 424-9300 - All Calls Recorded
In the District of Columbia (202) 483-7616

Printing date: 01/13/09

Prepared By
Compliance Services Group
1420 Seaboard Industrial Blvd.
Atlanta, GA 30318

Section 2. Composition, Information on Ingredients

Name of hazardous ingredients	CAS #	% by Weight	Exposure Limits
ACETONE; dimethyl ketone	67-64-1	55-65	OSHA PEL (United States). TWA: 1000 ppm 8 hour(s). ACGIH (United States). STEL: 750 ppm 15 minute(s). Not established
2-(2-ETHOXYETHOXY)-ETHANOL; diethylene glycol monoethyl ether, ethoxydiglycol	111-90-0	<10	Not established
ETHANOL; ethyl alcohol; grain alcohol	64-17-5	<10	ACGIH TLV (United States). TWA: 1000 ppm 8 hour(s). OSHA PEL (United States). TWA: 1000 ppm 8 hour(s).
PROPANE; liquefied petroleum gas	68476-85-7	20-30	ACGIH TLV (United States). : 800 ppm 8 hour(s). OSHA PEL (United States). TWA: 1000 ppm 8 hour(s).

Section 3. Hazards Identification

Acute Effects **Routes of Entry** Eye contact. Inhalation.
Skin Non-irritating under recommended conditions of use. Prolonged or repeated contact may dry skin and cause irritation.
Eyes Direct contact may cause irritation and redness.
Inhalation Non-irritating under recommended conditions of use. Overexposure by inhalation may cause respiratory irritation. Avoid breathing vapors, spray or mists.
Ingestion Unlikely in this form.

HMIS

Health	1
Physical	1
Reactivity	0
Personal Protection	N/A

NOTE: MSDS data pertains to the product as delivered in the original shipping container(s). Risk of adverse health effects are lessened by following all prescribed safety precautions, including use of proper personal protective equipment.

Carcinogenic Effects Ingredients: Not listed as carcinogen by OSHA, NTP or IARC.

Chronic Effects No known chronic effects from exposure.

See Toxicological Information (section 11)

Section 4. First Aid Measures

Eye Contact Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Get medical attention.
Skin Contact Wash with soap and water. If irritation persists, get medical attention.
Inhalation If inhaled, remove to fresh air. If irritation persists, get medical attention.
Ingestion Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention if symptoms appear.

Section 5. Fire Fighting Measures

Flash Point Non-flammable (CSMA) **Flash Point** Not applicable.
Flammability Not applicable.
Fire hazard
Fire-fighting procedures Use dry chemical, CO₂, alcohol-resistant foam or water spray (fog). Cool closed containers exposed to fire with water.

**Section 6. Accidental Release Measures**

Spill Clean up Spills are unlikely due to packaging.

Section 7. Handling and Storage

Handling Avoid breathing vapors, spray or mists. Avoid contact with eyes. Wash thoroughly after handling.
Storage Do not puncture, incinerate, or store the container at temperatures above 49°C (120°F) or in direct sunlight. Keep away from food, drink and animal feeding stuffs. Keep out of the reach of children.



Zep Inc.
1310 Seaboard Industrial Blvd.
Atlanta, GA 30318
1-877-I-BUY-ZEP (428-9937)
www.zep.com

Material Safety Data Sheet

and Safe Handling and Disposal Information

Section 1. Chemical Product and Company Identification

Product name ZEP METER MIST FRESH LINEN
Product use Aerosol Odor Counteractant
Product code 3406
Date of issue 04/25/05 **Supersedes** 06/21/99

Emergency Telephone Numbers

For MSDS Information:
Compliance Services 1-877-I-BUY-ZEP (428-9937)

For Medical Emergency
INFOTRAC: (877) 541-2016 Toll Free - All Calls Recorded

For Transportation Emergency
CHEMTREC: (800) 424-9300 - All Calls Recorded
In the District of Columbia (202) 483-7616

Prepared By
Compliance Services Group
1420 Seaboard Industrial Blvd.
Atlanta, GA 30318

ADVANCED AUTO PROS
2527 8TH AVE
GREELEY CO 80631-8409

Printing date: 01/13/09

Section 2. Composition, Information on Ingredients

Name of hazardous ingredients	CAS #	% by Weight	Exposure Limits
ACETONE; dimethyl ketone	67-64-1	55-65	OSHA PEL (United States). TWA: 1000 ppm 8 hour(s). ACGIH (United States). STEL: 750 ppm 15 minute(s).
2-(2-ETHOXYETHOXY)-ETHANOL; diethylene glycol monoethyl ether, ethoxydiglycol	111-90-0	<10	Not established
ETHANOL; ethyl alcohol; grain alcohol	64-17-5	<10	ACGIH TLV (United States). TWA: 1000 ppm 8 hour(s). OSHA PEL (United States). TWA: 1000 ppm 8 hour(s).
PROPANE; liquefied petroleum gas	68476-85-7	20-30	ACGIH TLV (United States). : 800 ppm 8 hour(s). OSHA PEL (United States). TWA: 1000 ppm 8 hour(s).

Section 3. Hazards Identification

Acute Effects

Routes of Entry Eye contact. Inhalation.

Skin Non-irritating under recommended conditions of use. Prolonged or repeated contact may dry skin and cause irritation.

Eyes Direct contact may cause irritation and redness.

Inhalation Non-irritating under recommended conditions of use. Overexposure by inhalation may cause respiratory irritation.

Ingestion Unlikely in this form.

NOTE: MSDS data pertains to the product as delivered in the original shipping container(s). Risk of adverse health effects are lessened by following all prescribed safety precautions, including use of proper personal protective equipment.

HMIS	
Health	1
Reactivity	0
Personal Protection	N/A

Carcinogenic Effects Ingredients: Not listed as carcinogen by OSHA, NTP or IARC.

Chronic Effects No known chronic effects from exposure.

See Toxicological Information (section 11)

Section 4. First Aid Measures

Eye Contact Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Get medical attention.

Skin Contact Wash with soap and water. If irritation persists, get medical attention.

Inhalation If inhaled, remove to fresh air. If irritation persists, get medical attention.

Ingestion Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention if symptoms appear.

Section 5. Fire Fighting Measures

Flash Point Non-flammable (CSMA) **Flash Label** Not applicable.
Flammability Not applicable.
Fire hazard
Fire-fighting procedures Use dry chemical, CO₂, water spray (fog) or foam. Cool closed containers exposed to fire with water.

**Section 6. Accidental Release Measures**

Spill Clean up Spills are unlikely due to packaging.

Section 7. Handling and Storage

Handling Avoid breathing vapors, spray or mists. Avoid contact with eyes. Wash thoroughly after handling.
Storage Do not puncture, incinerate, or store the container at temperatures above 49°C (120°F) or in direct sunlight. Keep away from food, drink and animal feeding stuffs. Keep out of the reach of children.

Section 8. Exposure Controls, Personal Protection

	Personal Protection	Protective Clothing (Pictograms)
Eyes	Recommended: Safety glasses.	
Body	No special protective clothing is required.	
Respiratory	Avoid direct inhalation of spray.	

Section 9. Physical and Chemical Properties

Physical State	Liquid. (Aerosol.)	Color	Colorless.
pH	Not applicable	Odor	Pleasant.
Boiling Point	55.6°C (132°F)	Vapor Pressure	Not determined.
Specific Gravity	0.816 (Water = 1)	Vapor Density	Not determined.
Solubility	Partially soluble in the following materials: water.	Evaporation Rate	Not determined.
		VOC (Consumer)	Not determined.

Section 10. Stability and Reactivity

Stability and Reactivity The product is stable.
Incompatibility None identified.
Hazardous Polymerization Will not occur.
Hazardous Decomposition Products Carbon oxides (CO, CO₂) and unspecified organic materials.

Section 11. Toxicological Information**United States****Acute toxicity****Section 12. Ecological Information**

Ecotoxicity Not available.
Biodegradable/OECD Not available.

Section 13. Disposal Considerations

Waste Information Waste must be disposed of in accordance with federal, state and local environmental control regulations. **Waste Stream** Code: - (Not applicable.)
 Classification: - (Non-hazardous waste)

Consult your local or regional authorities.

Section 14. Transport Information

Proper shipping name Consumer commodity
DOT Classification ORM-D **UN number** Not applicable

NOTE: DOT classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.

TDG Classification Consumer commodity ORM-D

Section 15. Regulatory Information

U.S. Federal Regulations SARA 313 toxic chemical notification and release reporting:
 Diethylene Glycol Monoethyl Ether (Glycol Ethers)
 Clean Water Act (CWA) 311: No products were found.
 Clean Air Act (CAA) 112 regulated toxic substances: Diethylene Glycol Monoethyl Ether
 All Components of this product are listed or exempt from listing on TSCA inventory.

State Regulations

WHMIS (Canada) Class A: Compressed gas.
 Class D-2B: Material causing other toxic effects (Toxic).

Section 16. Other Information

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.



ZEP Manufacturing Company
Acuity Specialty Products Group, Inc.
P.O. Box 2015
Atlanta, GA 30301
1-877-I-BUY-ZEP (428-9937)
www.zep.com

Material Safety Data Sheet

and Safe Handling and Disposal Information

Section 1. Chemical Product and Company Identification

Product name METER MIST ISLAND APRICOT
Product Use Aerosol Odor Counteractant
Product Code 3336
Date of issue 07/03/07 **Supersedes** 06/15/06

Emergency For MSDS Information:

Telephone Numbers Acuity Specialty Products Group, Inc.
Compliance Services 1-877-I-BUY-ZEP (428-9937)

For Medical Emergency

INFOTRAC:
(877) 541-2016 Toll Free - All Calls Recorded

For a Transportation Emergency

CHEMTREC:
(800) 424-9300 - All Calls Recorded
In the District of Columbia (202) 483-7616

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2527 8TH AVE
GREELEY CO 80631-8409

Printing date: 01/13/09

Prepared by Compliance Services Group
Acuity Specialty Products Group
1420 Seaboard Industrial Blvd.
Atlanta, GA 30318

Section 2. Composition, Information on Ingredients

Name of Hazardous Ingredients	CAS #	% by Weight	Exposure Limits
ACETONE; dimethyl ketone	67-64-1	55 - 65	ACGIH TLV / OSHA PEL (United States). TWA: 750 ppm 8 hour(s). ACGIH / OSHA (United States). STEL: 1000 ppm 15 minute(s).
ETHANOL; ethyl alcohol; grain alcohol	64-17-5	<10	ACGIH TLV / OSHA PEL (United States). TWA: 1000 ppm 8 hour(s).
2-(2-ETHOXYETHOXY)-ETHANOL; diethylene glycol monoethyl ether, ethoxydiglycol	111-90-0	<10	Not established
PROPANE; liquefied petroleum gas	68476-85-7	20 - 30	ACGIH TLV (United States). : 800 ppm 8 hour(s). OSHA PEL (United States). TWA: 1000 ppm 8 hour(s).

Section 3. Hazards Identification

Acute Effects

Routes of Entry

Eye contact. Inhalation.

Skin Non-irritating under recommended conditions of use. Prolonged or repeated contact may irritate skin and cause irritation.

Eyes Direct contact may cause irritation and redness.

Inhalation Non-irritating under recommended conditions of use. Overexposure by inhalation may cause respiratory irritation.

Ingestion Unlikely in this form.

NOTE: MSDS data pertains to the product as delivered in the original shipping container(s). Risk of adverse health effects are lessened by following all prescribed safety precautions, including use of proper personal protective equipment.

Carcinogenic Effects Ingredients: Not listed as carcinogen by OSHA, NTP or IARC.

Chronic Effects Repeated or prolonged exposure to the substance can produce damage to liver and kidneys.

See Toxicological Information (section 11)

HMIS

Health	1
Physical	1
Reactivity	0
Personal Protection	N/A

Section 4. First Aid Measures

Eye Contact

Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Get medical attention.

Skin Contact

Wash with soap and water. If irritation persists, get medical attention.

Inhalation

If excessive quantities inhaled, remove to fresh air. If irritation persists, get medical attention.

Ingestion

Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention if symptoms appear.

Section 5. Fire Fighting Measures

Flash Point Non-flammable (CSMA) **Flammable Limits** Not applicable.
 Flammability Not applicable.
 Fire Hazard CONTENTS UNDER PRESSURE. Container explosion may occur under fire conditions or when heated.
 Fire-Fighting Procedures Use DRY chemicals, CO₂ water spray or foam. Cool closed containers exposed to fire with water.

**Section 6. Accidental Release Measures**

Spill Clean up Spills are unlikely due to packaging.

Section 7. Handling and Storage

Handling Avoid breathing vapors or spray mists. Avoid contact with eyes. Wash thoroughly after handling.
 Storage Do not puncture, incinerate, or store the container at temperatures above 49°C (120°F) or in direct sunlight. Keep away from food, drink and animal feeding stuffs. Keep out of the reach of children.

Section 8. Exposure Controls, Personal Protection

	Personal Protection	Protective Clothing (Pictograms)
Eyes	Recommended: Safety glasses.	
Body	No special protective clothing is required.	
Respiratory	Avoid direct inhalation of spray.	

Section 9. Physical and Chemical Properties

Physical State	Liquid. (Aerosol.)	Color	Colorless.
pH	Not applicable	Odor	Fruity.
Boiling Point	55.6°C (132°F)	Vapor Pressure	Not determined
Specific Gravity	0.816 (Water = 1)	Vapor Density	Not determined
Solubility	Partially soluble in water.	Evaporation Rate	Not determined
		VOC (Consumer)	29.8% 2.0 (lb/gal) 242 (g/l).

Section 10. Stability and Reactivity

Stability and Reactivity The product is stable.
 Incompatibility None identified
 Hazardous Polymerization Will not occur.
 Hazardous Decomposition Products Carbon oxides (CO, CO₂) and unspecified organic materials.

Section 11. Toxicological Information

Toxicity to Animals Not applicable.

Section 12. Ecological Information

Ecotoxicity Not available.
 Biodegradable/OECD Not available.

Section 13. Disposal Considerations

Waste Waste must be disposed of in accordance with federal, state and local environmental control regulations. **Waste Stream** Code: - (Not applicable.)
 Information Classification: - (Non-hazardous waste)
 Consult your local or regional authorities.

Section 14. Transport Information

Proper shipping name Consumer Commodity
 DOT Classification ORM-D **UN number** Not applicable

NOTE: DOT classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.

Section 15. Regulatory Information

U.S. Federal Regulations SARA 313 toxic chemical notification and release reporting:
 Diethylene Glycol Monoethyl Ether (Glycol Ethers)
 Clean Water Act (CWA) 311: No products were found.
 Clean air act (CAA) 112 regulated toxic substances: Diethylene Glycol Monoethyl Ether
 All Components of this product are listed or exempt from listing on TSCA inventory.

State Regulations

California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer, birth defects or other reproductive harm, which would require a warning under the statute: Ethylene Glycol Monoethyl Ether

Section 16. Other Information

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.



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 Superior Solutions 1-877-1-BUY-ZEP (428-9937)
 www.zep.com

Material Safety Data Sheet

Section 1. Chemical Product and Company Identification

Product name METER MIST PINK GRAPEFRUIT
Product use Odor Counteractant
Product code 3341
Date of issue 01/22/08 **Supersedes** 07/03/07

Emergency Telephone Numbers

For MSDS Information:
 Compliance Services 1-877-1-BUY-ZEP (428-9937)

For Medical Emergency
 INFOTRAC: (877) 541-2016 Toll Free - All Calls Recorded

For Transportation Emergency
 CHEMTREC: (800) 424-9300 - All Calls Recorded
 In the District of Columbia (202) 483-7616

Prepared By

Compliance Services Group
 1420 Seaboard Industrial Blvd.
 Atlanta, GA 30318

ADVANCED AUTO PROS
 2527 8TH AVE
 GREELEY CO 80631-8409

Printing date: 01/13/09

Section 2. Hazards Identification

Emergency overview

WARNING

CONTENTS UNDER PRESSURE.

*Hazard Determination System (HDS): Health, Flammability, Reactivity



NOTE: MSDS data pertains to the product as delivered in the original shipping container(s). Risk of adverse effects are lessened by following all prescribed safety precautions, including the use of proper personal protective equipment.

Acute Effects

Routes of Entry

Eye contact. Inhalation.

- Eyes** Direct contact may cause irritation and redness.
- Skin** Non-irritating under conditions of use. Prolonged or repeated contact may dry skin and cause irritation.
- Inhalation** Avoid direct inhalation of spray. Over-exposure by inhalation may cause respiratory irritation.
- Ingestion** Unlikely in this form.

Chronic effects

Contains material which may cause damage to the following organs: kidneys, liver.

Carcinogenicity Ingredients: Not listed as carcinogen by OSHA, NTP or IARC.

Additional Information: See Toxicological Information (Section 11)

Section 3. Composition/Information on Ingredients

Name of Hazardous ingredients	CAS number	% by Weight
ACETONE; dimethyl ketone	67-64-1	55 - 65
PROPANE; liquefied petroleum gas	68476-85-7	20 - 30
2-(2-ETHOXYETHOXY)-ETHANOL; diethylene glycol monoethyl ether, ethoxydiglycol	111-90-0	<10
ETHANOL; ethyl alcohol; grain alcohol	64-17-5	<10

Section 4. First Aid Measures

- Eye Contact** Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention immediately.
- Skin Contact** Wash contaminated skin with soap and water. If irritation persists, get medical attention.
- Inhalation** Move exposed person to fresh air. If irritation persists, get medical attention.
- Ingestion** Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Never give anything by mouth to an unconscious person. Get medical attention.

Section 5. Fire Fighting Measures

National Fire Protection Association (U.S.A.)



Flash Point	Not applicable
Flammable Limits	Not applicable
Flammability	Non-flammable. (CSMA Method)
Fire hazard	CONTENTS UNDER PRESSURE. In a fire or if heated, a pressure increase will occur and the container may burst.
Fire-Fighting Procedures	Cool closed containers exposed to fire with water. Use an extinguishing agent suitable for the surrounding fire.

Section 6. Accidental Release Measures

Spill Clean up Spills are unlikely due to packaging.

Section 7. Handling and Storage

Handling	Avoid breathing vapors, spray or mists. Do not get in eyes or on skin or clothing. Do not ingest. Observe label precautions.
Storage	Do not puncture, incinerate, store the container at temperatures above 49°C (120°F) or in direct sunlight. Keep out of the reach of children.

Section 8. Exposure Controls/Personal Protection**Product name**

ACETONE; dimethyl ketone

Exposure limits**ACGIH TLV / OSHA PEL (United States).**

TWA: 750 ppm 8 hour(s).

ACGIH / OSHA (United States).

STEL: 1000 ppm 15 minute(s).

ACGIH TLV (United States).

: 800 ppm 8 hour(s).

OSHA PEL (United States).

TWA: 1000 ppm 8 hour(s).

ACGIH TLV / OSHA PEL (United States).

TWA: 1000 ppm 8 hour(s).

PROPANE; liquefied petroleum gas

ETHANOL; ethyl alcohol; grain alcohol

Personal Protective Equipment (PPE)

Eyes	Recommended: Safety glasses.
Body	No special protective clothing is required.
Respiratory	Avoid direct inhalation of spray.

**Section 9. Physical and Chemical Properties**

Physical State	Liquid. [Aerosol.]
pH	Not applicable
Boiling Point	55.6°C (132°F) - Initial
Specific Gravity	0.811
Solubility	Partially soluble in the following materials: cold water and hot water.

Color Clear. Colorless.**Odor** Pleasant. Grapefruit.**Vapor Pressure** Not determined.**Vapor Density** Not determined.**Evaporation Rate** Not determined.**VOC (Consumer)** 240.7 (g/l). 2.01 lbs/gal (29.75%)**Section 10. Stability and Reactivity**

Stability and Reactivity	The product is stable.
Incompatibility	None identified.
Hazardous Polymerization	Will not occur.
Hazardous Decomposition Products	carbon oxides

Section 11. Toxicological Information**Acute Toxicity**

Product/ingredient name	Result	Species	Dose	Exposure
Acetone	LD50 Dermal	Rabbit	20000 mg/kg	-
	LD50 Oral	Mouse	9750 mg/kg	-
	LC50 Inhalation Vapor	Rat	16000 ppm	4 hours
Diethylene Glycol Monoethyl Ether	LD50 Dermal	Rabbit	9143 mg/kg	-
	LD50 Oral	Rat	10502 mg/kg	-
	LD50 Oral	Mouse	6301 mg/kg	-
	LC50 Inhalation Vapor	Rat	>200 mg/L	1 hours
	LD50 Oral	Rat	7060 mg/kg	-
Ethanol	LD50 Oral	Rat	20000 mg/m ³	4 hours

Section 12. Ecological Information

Environmental Effects No known significant effects or critical hazards.

Aquatic Ecotoxicity

Not available.

Section 13. Disposal Considerations**Waste Information**

Waste must be disposed of in accordance with federal, state and local environmental control regulations. Consult your local or regional authorities for additional information.

Waste Stream Code: - (Not applicable.)
Classification: - (Non-hazardous waste)

Section 14. Transport Information

Regulatory information	UN number	Proper shipping name	Classes	PG*	Label
DOT Classification	Not applicable	Consumer commodity	ORM-D	-	
IMDG Class	Not determined.			-	

NOTE: DOT classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.

PG* : Packing group

Section 15. Regulatory Information**U.S. Federal Regulations**

SARA 313 toxic chemical notification and release reporting:

Product name

Diethylene Glycol Monoethyl Ether (Glycol Ethers)

Clean Water Act (CWA) 307: No products were found.

Clean Water Act (CWA) 311: No products were found.

Clean Air Act (CAA) 112 regulated toxic substances: Diethylene Glycol Monoethyl Ether

All Components of this product are listed or exempt from listing on TSCA Inventory.

State Regulations**California Prop 65**

WARNING: This product contains a chemical or chemicals known to the state of California to cause cancer, birth defects or other reproductive harm.:
Ethylene Glycol Monoethyl Ether

Section 16. Other Information

*To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.
Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.*

*NOTE: Hazard Determination System (HDS) ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although these ratings are not required on MSDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HDS ratings are to be used with a fully implemented program to relay the meanings of this scale.



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Material Safety Data Sheet and Safe Handling and Disposal Information

Section 1. Chemical Product and Company Identification

Product name METER MIST LEMONGRASS
Product Use Odor Counteractant
Product Code 3343
Date of issue 07/03/07 **Supersedes** 11/06/03

Emergency For MSDS Information:

Telephone Numbers Acuity Specialty Products Group, Inc.
 Compliance Services 1-877-I-BUY-ZEP (428-9937)

ADVANCED AUTO PROS
 2527 8TH AVE
 GREELEY CO 80631-8409

For Medical Emergency
 INFOTRAC:
 (877) 541-2016 Toll Free - All Calls Recorded

For a Transportation Emergency
 CHEMTREC:
 (800) 424-9300 - All Calls Recorded
 In the District of Columbia (202) 483-7616

Printing date: 01/13/09

Prepared by Compliance Services Group
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 1420 Seaboard Industrial Blvd.
 Atlanta, GA 30318

Section 2. Composition, Information on Ingredients

Name of Hazardous Ingredients	CAS #	% by Weight	Exposure Limits
ACETONE; dimethyl ketone	67-64-1	55-65	OSHA PEL (United States). TWA: 1000 ppm 8 hour(s). ACGIH (United States). STEL: 750 ppm 15 minute(s). Not established
2-(2-ETHOXYETHOXY)-ETHANOL; diethylene glycol monoethyl ether, ethoxydiglycol	111-90-0	<10	ACGIH TLV (United States). TWA: 1000 ppm 8 hour(s).
ETHANOL; ethyl alcohol; grain alcohol	64-17-5	<10	OSHA PEL (United States). TWA: 1000 ppm 8 hour(s).
PROPANE; liquefied petroleum gas	68476-85-7	20-30	ACGIH TLV (United States). : 800 ppm 8 hour(s). OSHA PEL (United States). TWA: 1000 ppm 8 hour(s).

Section 3. Hazards Identification

Acute Effects

Routes of Entry Eye contact. Inhalation.

Skin Non-irritating under recommended conditions of use. Prolonged or repeated contact may irritate skin and cause irritation.

Eyes Direct contact may cause irritation and redness.

Inhalation Non-irritating under recommended conditions of use. Overexposure by inhalation may cause respiratory irritation.

Ingestion Unlikely in this form.

NOTE: MSDS data pertains to the product as delivered in the original shipping container(s). Risk of adverse health effects are lessened by following all prescribed safety precautions, including use of proper personal protective equipment.

HMIS

Health	1
Physical	1
Reactivity	0
Personal Protection	N/A

Carcinogenic Effects Ingredients: Not listed as carcinogen by OSHA, NTP or IARC.

Chronic Effects No known chronic effects from exposure

See Toxicological Information (section 11)

Section 4. First Aid Measures

Eye Contact Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Get medical attention.

Skin Contact Wash with soap and water. If irritation persists, get medical attention.

Inhalation If inhaled, remove to fresh air. If irritation persists, get medical attention.

Ingestion Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention if symptoms appear.

Section 5. Fire Fighting Measures

Flash Point Non-flammable (CSMA) Flammable Limits Not applicable.
 Flammability Not applicable.
 Fire Hazard Container explosion may occur under fire conditions or when heated.
 Fire-Fighting Procedures Cool closed containers exposed to fire with water.

**Section 6. Accidental Release Measures**

Spill Clean up Spills are unlikely due to packaging.

Section 7. Handling and Storage

Handling Avoid breathing vapors or spray mists. Avoid contact with eyes.
 Storage Do not puncture, incinerate, or store the container at temperatures above 49°C (120°F) or in direct sunlight.

Section 8. Exposure Controls, Personal Protection**Personal Protection**

Eyes Recommended: Safety glasses.
 Body No special protective clothing is required.
 Respiratory Avoid direct inhalation of spray.

Protective Clothing (Pictograms)**Section 9. Physical and Chemical Properties**

Physical State Liquid. Color Colorless.
 pH Not available. Odor Pleasant. Lemongrass.
 Boiling Point 55.6°C (132°F) Vapor Pressure Not available.
 Specific Gravity 0.82 (Water = 1) Vapor Density Not available.
 Solubility Partially soluble in water. Evaporation Rate Not available.
 VOC (Consumer) 30% 2.0 (lb/gal) 243 (g/l).

Section 10. Stability and Reactivity

Stability and Reactivity The product is stable.
 Incompatibility None identified
 Hazardous Polymerization Will not occur.
 Hazardous Decomposition Products Carbon oxides (CO, CO₂) and unspecified organic materials.

Section 11. Toxicological Information

Toxicity to Animals Not applicable.

Section 12. Ecological Information

Ecotoxicity Not available.
 Biodegradable/OECD Not available.

Section 13. Disposal Considerations

Waste Waste must be disposed of in accordance with federal, state and local environmental control regulations. Waste Stream Code: - (Not applicable.)
 Information Classification: - (Non-hazardous waste)

Consult your local or regional authorities.

Section 14. Transport Information

Proper shipping name Consumer Commodity
 DOT Classification ORM-D UN number Not applicable

NOTE: DOT classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.

Section 15. Regulatory Information

U.S. Federal Regulations SARA 313 toxic chemical notification and release reporting:
 Diethylene Glycol Monoethyl Ether (Glycol Ether)
 Clean Water Act (CWA) 311: No products were found.
 Clean air act (CAA) 112 regulated toxic substances: Diethylene Glycol Monoethyl Ether
 All Components of this product are listed or exempt from listing on TSCA inventory.

State Regulations

California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer, birth defects or other reproductive harm, which would require a warning under the statute: Ethylene Glycol Monoethyl Ether

Section 16. Other Information

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.
 Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.



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www.zep.com

Material Safety Data Sheet

and Safe Handling and Disposal Information

Section 1. Chemical Product and Company Identification

Product name METER MIST RASPBERRY
Product Use Odor Counteractant
Product Code 3346
Date of issue 07/09/07 **Supersedes** 05/20/04

Emergency For MSDS Information:

Telephone Numbers Acuity Specialty Products Group, Inc.
Compliance Services 1-877-1-BUY-ZEP (428-9937)

For Medical Emergency

INFOTRAC:
(877) 541-2016 Toll Free - All Calls Recorded

For a Transportation Emergency

CHEMTREC:
(800) 424-9300 - All Calls Recorded
In the District of Columbia (202) 483-7616

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2527 8TH AVE
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Printing date: 01/13/09

Prepared by Compliance Services Group
Acuity Specialty Products Group
1420 Scaboard Industrial Blvd.
Atlanta, GA 30318

Section 2. Composition, Information on Ingredients

Name of Hazardous Ingredients	CAS #	% by Weight	Exposure Limits
ACETONE; dimethyl ketone	67-64-1	55-65	OSHA PEL (United States). TWA: 1000 ppm 8 hour(s). ACGIH (United States). STEL: 750 ppm 15 minute(s). Not established
2-(2-ETHOXYETHOXY)-ETHANOL; diethylene glycol monoethyl ether, ethoxydiglycol	111-90-0	<10	ACGIH TLV (United States). TWA: 1000 ppm 8 hour(s). OSHA PEL (United States). TWA: 1000 ppm 8 hour(s). ACGIH TLV (United States). : 800 ppm 8 hour(s). OSHA PEL (United States). TWA: 1000 ppm 8 hour(s).
ETHANOL; ethyl alcohol; grain alcohol	64-17-5	<10	
PROPANE; liquefied petroleum gas	68476-85-7	20-30	

Section 3. Hazards Identification

Acute Effects

Routes of Entry Eye contact. Inhalation.

Skin Non-irritating under recommended conditions of use. Prolonged or repeated contact may irritate skin and cause irritation.

Eyes Direct contact may cause irritation and redness.

Inhalation Non-irritating under recommended conditions of use. Overexposure by inhalation may cause respiratory irritation.

Ingestion Unlikely in this form.

NOTE: MSDS data pertains to the product as delivered in the original shipping container(s). Risk of adverse health effects are lessened by following all prescribed safety precautions, including use of proper personal protective equipment.

HMIS

Health	1
Reactivity	0
Personal Protection	N/A

Carcinogenic Effects Ingredients: Not listed as carcinogen by OSHA, NTP or IARC.

Chronic Effects No known chronic effects from exposure

See Toxicological Information (section 11)

Section 4. First Aid Measures

Eye Contact Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Get medical attention.

Skin Contact Wash with soap and water. If irritation persists, get medical attention.

Inhalation If inhaled, remove to fresh air. If irritation persists, get medical attention.

Ingestion Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention if symptoms appear.

Section 5. Fire Fighting Measures

Flash Point Non-flammable (CSMA) **Flammable Limits** Not applicable.
 Flammability Not applicable.
 Fire Hazard Container explosion may occur under fire conditions or when heated.
 Fire-Fighting Procedures Cool closed containers exposed to fire with water.

**Section 6. Accidental Release Measures**

Spill Clean up Spills are unlikely due to packaging.

Section 7. Handling and Storage

Handling Avoid breathing vapors or spray mists. Avoid contact with eyes.
 Storage Do not puncture, incinerate, or store the container at temperatures above 49°C (120°F) or in direct sunlight.

Section 8. Exposure Controls, Personal Protection**Personal Protection****Protective Clothing (Pictograms)**

Eyes Recommended: Safety glasses.



Body No special protective clothing is required.

Respiratory Avoid direct inhalation of spray.

Section 9. Physical and Chemical Properties

Physical State Liquid. **Color** Colorless.
 pH Not available. **Odor** Pleasant. Raspberry.
 Boiling Point 55.6°C (132°F) **Vapor Pressure** Not available.
 Specific Gravity 0.825 (Water = 1) **Vapor Density** Not available.
 Solubility Partially soluble in water. **Evaporation Rate** Not available.
VOC (Consumer) 30% 204 (g/l).

Section 10. Stability and Reactivity

Stability and Reactivity The product is stable.
 Incompatibility None identified
 Hazardous Polymerization Will not occur.
 Hazardous Decomposition Products Carbon oxides (CO, CQ) and unspecified organic materials.

Section 11. Toxicological Information

Toxicity to Animals Not applicable.

Section 12. Ecological Information

Ecotoxicity Not available.
 Biodegradable/OECD Not available.

Section 13. Disposal Considerations

Waste Waste must be disposed of in accordance with federal, **Waste Stream** Code: - (Not applicable.)
 Information state and local environmental control regulations. Classification: - (Non-hazardous waste)

Consult your local or regional authorities.

Section 14. Transport Information

Proper shipping name Consumer Commodity
 DOT Classification ORM-D **UN number** Not applicable

NOTE: DOT classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.

Section 15. Regulatory Information

U.S. Federal Regulations SARA 313 toxic chemical notification and release reporting:
 Diethylene Glycol Monoethyl Ether (Glycol Ether)
 Clean Water Act (CWA) 311: No products were found.
 Clean air act (CAA) 112 regulated toxic substances: Diethylene Glycol Monoethyl Ether
 All Components of this product are listed or exempt from listing on TSCA inventory.

State Regulations

California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer, birth defects or other reproductive harm, which would require a warning under the statute: Ethylene Glycol Monoethyl Ether

Section 16. Other Information

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.
 Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Material Safety Data Sheet



Superior Solutions

Zep Inc.
1310 Seaboard Industrial Blvd.
Atlanta, GA 30318
1-877-I-BUY-ZEP (428-9937)
www.zep.com

Section 1. Chemical Product and Company Identification

Product name ZEP METER MIST FRENCH VANILLA
Product use Aerosol Room Deodorizer/Odor Counteractant
Product code 3312
Date of issue 08/12/08 **Supersedes** 04/25/05

ADVANCED AUTO PROS
2527 8TH AVE
GREELEY CO 80631-8409

Printing date: 01/13/09

Emergency Telephone Numbers

For MSDS Information:
Compliance Services 1-877-I-BUY-ZEP (428-9937)

For Medical Emergency
INFOTRAC: (877) 541-2016 Toll Free - All Calls Recorded

For Transportation Emergency
CHEMTREC: (800) 424-9300 - All Calls Recorded
In the District of Columbia (202) 483-7616

Prepared By

Compliance Services
1420 Seaboard Industrial Blvd.
Atlanta, GA 30318

Section 2. Hazards Identification

Emergency overview

WARNING

MAY CAUSE EYE IRRITATION.

CONTENTS UNDER PRESSURE.

NOTE: MSDS data pertains to the product as delivered in the original shipping container(s). Risk of adverse effects are lessened by following all prescribed safety precautions, including the use of proper personal protective equipment.

*Hazard Determination System (HDS): Health, Flammability, Reactivity



Acute Effects

Routes of Entry

Eye contact. Inhalation.

- Eyes** Direct contact may cause irritation and redness. Inflammation of the eye is characterized by redness, watering and itching.
- Skin** May cause skin irritation. Skin inflammation is characterized by itching, scaling, or reddening.
- Inhalation** Avoid direct inhalation of spray. Over-exposure by inhalation may cause respiratory irritation.
- Ingestion** May be harmful if swallowed. Aspiration hazard if swallowed. Can enter lungs and cause damage.

Chronic effects

Contains material which may cause damage to the following organs: kidneys, liver, central nervous system (CNS).

Carcinogenicity Ingredients: Not listed as carcinogen by OSHA, NTP or IARC.

Additional Information: See Toxicological Information (Section 11)

Section 3. Composition/Information on Ingredients

Name of Hazardous Ingredients	CAS number	% by Weight
ACETONE; dimethyl ketone	67-64-1	55 - 65
PROPANE; liquefied petroleum gas	68476-85-7	20 - 30
ETHANOL; ethyl alcohol; grain alcohol	64-17-5	1 - 10
PROPYLENE GLYCOL; 1,2-dihydroxypropane, 1,2-propanediol	57-55-6	1 - 10

Section 4. First Aid Measures

- Eye Contact** Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention immediately.
- Skin Contact** Rinse with plenty of running water. Get medical attention if irritation develops.
- Inhalation** Move exposed person to fresh air. If irritation persists, get medical attention.
- Ingestion** Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. If affected person is conscious, give plenty of water to drink. Never give anything by mouth to an unconscious person. Get medical attention immediately.

National Fire Protection Association (U.S.A.)

Section 5. Fire Fighting Measures

Flash Point	Not available.
Flammable Limits	Not available.
Flammability	Non-flammable. (CSMA Method)
Fire hazard	CONTENTS UNDER PRESSURE. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. Bursting aerosol containers may be propelled from a fire at high speed.
Fire-Fighting Procedures	Use an extinguishing agent suitable for the surrounding fire. Cool closed containers exposed to fire with water. Fire-fighters should wear appropriate protective equipment.

**Section 6. Accidental Release Measures**

Spill Clean up Large spills are unlikely due to packaging.

Section 7. Handling and Storage

Handling	Put on appropriate personal protective equipment (see section 8). Store and use away from heat, sparks, open flame or any other ignition source. Avoid contact with eyes, skin and clothing. Do not breathe vapor or mist. Do not ingest. Use only with adequate ventilation. Observe label precautions. Wash thoroughly after handling.
Storage	CONTENTS UNDER PRESSURE. Do not puncture, incinerate or store the container at temperatures above 49°C (120°F) or in direct sunlight. Keep away from food, drink and animal feeding stuffs. Keep out of the reach of children.

Section 8. Exposure Controls/Personal Protection**Product name**

ACETONE: dimethyl ketone

Exposure limits**ACGIH TLV / OSHA PEL (United States).**

TWA: 750 ppm 8 hour(s).

ACGIH / OSHA (United States).

STEL: 1000 ppm 15 minute(s).

ACGIH TLV (United States).

: 800 ppm 8 hour(s).

OSHA PEL (United States).

TWA: 1000 ppm 8 hour(s).

ACGIH TLV / OSHA PEL (United States).

TWA: 1000 ppm 8 hour(s).

ETHANOL: ethyl alcohol; grain alcohol

PROPYLENE GLYCOL: 1,2-dihydroxypropane,1,2-propanediol

AIHA WEEL (United States).TWA: 10 mg/m³ 8 hour(s).**Personal Protective Equipment (PPE)**

Eyes	Safety glasses.
Body	No special protective clothing is required.
Respiratory	Avoid direct inhalation of spray. Use with adequate ventilation.

**Section 9. Physical and Chemical Properties**

Physical State	Liquid. [Aerosol.]	Color	Clear. Colorless.
pH	Not applicable	Odor	Vanilla
Boiling Point	55.6°C (132.1°F)	Vapor Pressure	Not determined.
Specific Gravity	0.826	Vapor Density	Not determined.
Solubility	Very slightly soluble in the following materials: cold water and hot water.	Evaporation Rate	<1 (Water = 1)
		VOC (Consumer)	223 (g/l). 1.9 lbs/gal (29.8%)

Section 10. Stability and Reactivity

Stability and Reactivity	The product is stable.
Incompatibility	Keep away from heat, sparks and flame. Slightly reactive or incompatible with the following materials: oxidizing materials.
Hazardous Polymerization	Will not occur.
Hazardous Decomposition Products	carbon oxides (CO, CO ₂)

Section 11. Toxicological Information**Acute Toxicity**

Product/ingredient name	Result	Species	Dose	Exposure
Acetone	LD50 Dermal	Rabbit	20000 mg/kg	-
	LD50 Oral	Mouse	9750 mg/kg	-
	LC50 Inhalation Vapor	Rat	16000 ppm	4 hours
Ethanol	LD50 Oral	Rat	7060 mg/kg	-
	LC50 Inhalation Vapor	Rat	20000 mg/m ³	4 hours
Propylene Glycol	LD50 Dermal	Rabbit	208 mg/kg	-
	LD50 Oral	Mouse	240 mg/kg	-
	LD50 Oral	Dog	260 mg/kg	-
	LD50 Oral	Rat	200 mg/kg	-

Section 12. Ecological Information

Environmental Effects No known significant effects or critical hazards.

Aquatic Ecotoxicity

Not available.

Section 13. Disposal Considerations**Waste Information**

Waste must be disposed of in accordance with federal, state and local environmental control regulations. Consult your local or regional authorities for additional information.

Waste Stream Non-hazardous waste

Section 14. Transport Information

Regulatory information	UN number	Proper shipping name	Classes	PG*	Label
DOT Classification	None.	Consumer commodity ORM-D			
IMDG Class	Not determined.				

NOTE: DOT classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.

PG*: Packing group

Section 15. Regulatory Information**U.S. Federal Regulations**

SARA 313 toxic chemical notification and release reporting:

No products were found.

Clean Water Act (CWA) 307: No products were found.

Clean Water Act (CWA) 311: No products were found.

Clean Air Act (CAA) 112 regulated toxic substances: No products were found.

All Components of this product are listed or exempt from listing on TSCA Inventory.

State Regulations

California Prop 65 No products were found.

Section 16. Other Information

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

*NOTE: Hazard Determination System (HDS) ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although these ratings are not required on MSDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HDS ratings are to be used with a fully implemented program to relay the meanings of this scale.



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 Acuity Specialty Products Group, Inc.
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 Atlanta, GA 30301
 1-877-I-BUY-ZEP (428-9937)
 www.zep.com

Material Safety Data Sheet

and Safe Handling and Disposal Information

Section 1. Chemical Product and Company Identification

Product name Meter Mist Mango
Product Use Odor Counteractant
Product Code 3327
Date of issue 07/02/07 **Supersedes** 08/18/04

Emergency For MSDS Information:

Telephone Numbers Acuity Specialty Products Group, Inc.
 Compliance Services 1-877-I-BUY-ZEP (428-9937)

For Medical Emergency

INFOTRAC:
 (877) 541-2016 Toll Free - All Calls Recorded

For a Transportation Emergency

CHEMTREC:
 (800) 424-9300 - All Calls Recorded
 In the District of Columbia (202) 483-7616

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 2527 8TH AVE
 GREELEY CO 80631-8409

Printing date: 01/13/09

Prepared by Compliance Services Group
 Acuity Specialty Products Group
 1420 Seaboard Industrial Blvd.
 Atlanta, GA 30318

Section 2. Composition, Information on Ingredients

Name of Hazardous Ingredients	CAS #	% by Weight	Exposure Limits
ACETONE: dimethyl ketone	67-64-1	55-65	OSHA PEL (United States). TWA: 1000 ppm 8 hour(s). ACGIH (United States). STEL: 750 ppm 15 minute(s). Not established
2-(2-ETHOXYETHOXY)-ETHANOL: diethylene glycol monoethyl ether, ethoxydiglycol	111-90-0	<10	
ETHANOL: ethyl alcohol; grain alcohol	64-17-5	<10	ACGIH TLV (United States). TWA: 1000 ppm 8 hour(s). OSHA PEL (United States). TWA: 1000 ppm 8 hour(s).
PROPANE: liquefied petroleum gas	68476-85-7	20-30	ACGIH TLV (United States). : 800 ppm 8 hour(s). OSHA PEL (United States). TWA: 1000 ppm 8 hour(s).

Section 3. Hazards Identification

Acute Effects

Skin Non-irritating under recommended conditions of use. Prolonged or repeated contact may irritate skin and cause irritation.

Eyes Direct contact may cause irritation and redness.

Inhalation Non-irritating under recommended conditions of use. Overexposure by inhalation may cause respiratory irritation.

Ingestion Unlikely in this form.

Routes of Entry

Eye contact. Inhalation.

HMIS

Health	1
Physical	1
Reactivity	0
Personal Protection	N/A

NOTE: MSDS data pertains to the product as delivered in the original shipping container(s). Risk of adverse health effects are lessened by following all prescribed safety precautions, including use of proper personal protective equipment.

Carcinogenic Effects Ingredients: Not listed as carcinogen by OSHA, NTP or IARC.

Chronic Effects No known chronic effects from exposure

See Toxicological Information (section 11)

Section 4. First Aid Measures

Eye Contact Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Get medical attention.

Skin Contact Wash with soap and water. If irritation persists, get medical attention.

Inhalation If inhaled, remove to fresh air. If irritation persists, get medical attention.

Ingestion Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention if symptoms appear.

Section 5. Fire Fighting Measures

Flash Point Non-flammable (CSMA) **Flammable Limits** Not applicable.

Flammability Not applicable

Fire Hazard CONTENTS UNDER PRESSURE. Container explosion may occur under fire conditions or when heated.

Fire-Fighting Procedures Use DRY chemicals, CO₂, water spray or foam. Cool closed containers exposed to fire with water.

**Section 6. Accidental Release Measures**

Spill Clean up Spills are unlikely due to packaging.

Section 7. Handling and Storage

Handling Avoid breathing vapors or spray mists. Avoid contact with eyes. Wash thoroughly after handling.

Storage Do not puncture, incinerate, or store the container at temperatures above 49°C (120°F) or in direct sunlight. Keep away from food, drink and animal feeding stuffs. Keep out of the reach of children.

Section 8. Exposure Controls, Personal Protection

	Personal Protection	Protective Clothing (Pictograms)
Eyes	Recommended: Safety glasses.	
Body	No special protective clothing is required.	
Respiratory	Avoid direct inhalation of spray.	

Section 9. Physical and Chemical Properties

Physical State	Liquid. (Aerosol.)	Color	Colorless.
pH	Not applicable	Odor	Pleasant. Mango
Boiling Point	55.6°C (132°F)	Vapor Pressure	Not determined
Specific Gravity	0.82 (Water = 1)	Vapor Density	Not determined
Solubility	Partially soluble in water.	Evaporation Rate	Not determined
		VOC (Consumer)	30% 2.0 (lb/gal) 243 (g/l).

Section 10. Stability and Reactivity

Stability and Reactivity The product is stable.

Incompatibility None identified

Hazardous Polymerization Will not occur.

Hazardous Decomposition Products Carbon oxides (CO, CO₂) and unspecified organic materials.

Section 11. Toxicological Information

Toxicity to Animals Not applicable.

Section 12. Ecological Information

Ecotoxicity Not available.

Biodegradable/OECD Not available

Section 13. Disposal Considerations

Waste Information Waste must be disposed of in accordance with federal, state and local environmental control regulations. **Waste Stream Code:** - (Not applicable.) **Classification:** - (Non-hazardous waste)

Consult your local or regional authorities.

Section 14. Transport Information

Proper shipping name Consumer Commodity

DOT Classification ORM-D **UN number** Not applicable

NOTE: DOT classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.

Section 15. Regulatory Information

U.S. Federal Regulations SARA 313 toxic chemical notification and release reporting: Diethylene Glycol Monoethyl Ether (Glycol Ethers)

Clean Water Act (CWA) 311: No products were found.

Clean air act (CAA) 112 regulated toxic substances: Diethylene Glycol Monoethyl Ether

All Components of this product are listed or exempt from listing on TSCA inventory.

State Regulations

California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer, birth defects or other reproductive harm, which would require a warning under the statute: Ethylene Glycol Monoethyl Ether

Section 16. Other Information

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

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Atlanta, GA 30318
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www.zep.com

Material Safety Data Sheet and Safe Handling and Disposal Information

Section 1. Chemical Product and Company Identification

Product name METER MIST TRANQUIL MEADOWS
Product use Odor Counteractant
Product code 3328
Date of issue 10/01/04 **Supersedes**

Emergency Telephone Numbers

For MSDS Information:
Compliance Services 1-877-I-BUY-ZEP (428-9937)

For Medical Emergency
INFOTRAC: (877) 541-2016 Toll Free - All Calls Recorded

For Transportation Emergency
CHEMTREC: (800) 424-9300 - All Calls Recorded
In the District of Columbia (202) 483-7616

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Printing date: 01/13/09

Prepared By
Compliance Services Group
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Atlanta, GA 30318

Section 2. Composition, Information on Ingredients

Name of hazardous ingredients	CAS #	% by Weight	Exposure Limits
ACETONE; dimethyl ketone	67-64-1	55-65	OSHA PEL (United States). TWA: 1000 ppm 8 hour(s). ACGIH (United States). STEL: 750 ppm 15 minute(s). Not established
2-(2-ETHOXYETHOXY)-ETHANOL; diethylene glycol monoethyl ether, ethoxydiglycol	111-90-0	<10	
ETHANOL; ethyl alcohol; grain alcohol	64-17-5	<10	ACGIH TLV (United States). TWA: 1000 ppm 8 hour(s). OSHA PEL (United States). TWA: 1000 ppm 8 hour(s).
PROPANE; liquefied petroleum gas	68476-85-7	20-30	ACGIH TLV (United States). : 800 ppm 8 hour(s). OSHA PEL (United States). TWA: 1000 ppm 8 hour(s).

Section 3. Hazards Identification

Acute Effects

Routes of Entry Eye contact. Inhalation.

Skin Non-irritating under recommended conditions of use. Prolonged or repeated contact may dry skin and cause irritation.

Eyes Direct contact may cause irritation and redness.

Inhalation Non-irritating under recommended conditions of use. Overexposure by inhalation may cause respiratory irritation.

Ingestion Unlikely in this form.

NOTE: MSDS data pertains to the product as delivered in the original shipping container(s). Risk of adverse health effects are lessened by following all prescribed safety precautions, including use of proper personal protective equipment.

Carcinogenic Effects Ingredients: Not listed as carcinogen by OSHA, NTP or IARC.

Chronic Effects No known chronic effects from exposure.

See Toxicological Information (section 11)

HMIS

Health	1
Reactivity	0
Personal Protection	N/A

Section 4. First Aid Measures

Eye Contact Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Get medical attention.

Skin Contact Wash with soap and water. If irritation persists, get medical attention.

Inhalation If inhaled, remove to fresh air. If irritation persists, get medical attention.

Ingestion Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention if symptoms appear.

Section 5. Fire Fighting Measures

Flash Point Non-flammable (CSMA) **Flash Point** Not applicable.
Flammability Not applicable.
Fire hazard
Fire-fighting procedures Cool closed containers exposed to fire with water.

**Section 6. Accidental Release Measures**

Spill Clean up Spills are unlikely due to packaging.

Section 7. Handling and Storage

Handling Avoid breathing vapors, spray or mists. Avoid contact with eyes.
Storage Do not puncture, incinerate, or store the container at temperatures above 49°C (120°F) or in direct sunlight.

Section 8. Exposure Controls, Personal Protection

Personal Protection **Protective Clothing (Pictograms)**
Eyes Recommended: Safety glasses. 
Body No special protective clothing is required.
Respiratory Avoid direct inhalation of spray.

Section 9. Physical and Chemical Properties

Physical State Aerosol. (Liquid fill) **Color** Colorless.
pH Not available. **Odor** Pleasant. Floral.
Boiling Point 55.6°C (132°F) **Vapor Pressure** Not available.
Specific Gravity 0.814 (Water = 1) **Vapor Density** Not available.
Solubility Partially soluble in the following materials: water. **Evaporation Rate** Not available.
VOC (Consumer) 29.75% 242 (g/l).

Section 10. Stability and Reactivity

Stability and Reactivity The product is stable.
Incompatibility None identified.
Hazardous Polymerization Will not occur.
Hazardous Decomposition Products Carbon oxides (CO, CO₂) and unspecified organic materials.

Section 11. Toxicological Information**United States****Acute toxicity****Section 12. Ecological Information**

Ecotoxicity Not available.
Biodegradable/OECD Not available.

Section 13. Disposal Considerations

Waste Information Waste must be disposed of in accordance with federal, state and local environmental control regulations. **Waste Stream** Code: - (Not applicable.)
 Classification: - (Non-hazardous waste)
 Consult your local or regional authorities.

Section 14. Transport Information

Proper shipping name Consumer commodity
DOT Classification ORM-D **UN number** Not applicable

NOTE: DOT classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.

TDG Classification Consumer commodity ORM-D

Section 15. Regulatory Information

U.S. Federal Regulations SARA 313 toxic chemical notification and release reporting:
 Diethylene Glycol Monoethyl Ether (Glycol Ethers)
 Clean Water Act (CWA) 311: No products were found.
 Clean Air Act (CAA) 112 regulated toxic substances: Diethylene Glycol Monoethyl Ether
 All Components of this product are listed or exempt from listing on TSCA inventory.

State Regulations

WHMIS (Canada) Class A: Compressed gas.
 Class D-2B: Material causing other toxic effects (Toxic).

Section 16. Other Information

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

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Material Safety Data Sheet



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www.zep.com

Section 1. Chemical Product and Company Identification

Product name ACCLAIM
Product use Antibacterial Hand Cleaner
Product code 0999
Date of issue 07/17/08 **Supersedes** 11/17/04

Emergency Telephone Numbers

For MSDS Information:
Compliance Services 1-877-1-BUY-ZEP (428-9937)

For Medical Emergency
INFOTRAC: (877) 541-2016 Toll Free - All Calls Recorded

For Transportation Emergency
CHEMTREC: (800) 424-9300 - All Calls Recorded
In the District of Columbia (202) 483-7616

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Printing date: 01/13/09

Prepared By

Compliance Services
1420 Seaboard Industrial Blvd.
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Section 2. Hazards Identification

Emergency overview

*Hazard Determination System (HDS): Health, Flammability, Reactivity



For External Use only.

NOTE: MSDS data pertains to the product as delivered in the original shipping container(s). Risk of adverse effects are lessened by following all prescribed safety precautions, including the use of proper personal protective equipment.

Acute Effects

Routes of Entry

Not applicable.

Eyes May cause eye irritation. Inflammation of the eye is characterized by redness, watering and itching.

Skin No known acute effects of this product resulting from skin contact.

Inhalation No known acute effects of this product resulting from inhalation.

Ingestion No data on acute toxicity of the product when ingested.

Chronic effects

No known chronic effects from exposure.

Ingredients: Not listed as carcinogen by OSHA, NTP or IARC.

Additional Information: See Toxicological Information (Section 11)

Section 3. Composition/Information on Ingredients

OSHA's Hazard Communication Standard (29 CFR 1910.1200) does not require the listing of any ingredient for this product.

Section 4. First Aid Measures

Eye Contact Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.

Skin Contact This product is formulated for use on the skin, but should always be immediately rinsed off with plenty of water. Get medical attention if irritation develops.

Inhalation Inhalation not likely under normal use conditions.

Ingestion Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If affected person is conscious, give plenty of water to drink. Get medical attention.

Section 5. Fire Fighting Measures

National Fire Protection Association (U.S.A.)

Flash Point None.

Flammable Limits Not applicable

Flammability Non-combustible.

Fire hazard In a fire or if heated, a pressure increase will occur and the container may burst.

Fire-Fighting Procedures Use an extinguishing agent suitable for the surrounding fire.



Section 6. Accidental Release Measures

Material Safety Data Sheet



Superior Solutions

Zep Inc.
1310 Seaboard Industrial Blvd.
Atlanta, GA 30318
1-877-I-BUY-ZEP (428-9937)
www.zep.com

Section 1. Chemical Product and Company Identification

Product name ZEP METER MIST CINNAMON
Product use Aerosol Room Deodorizer/Odor Counteractant
Product code 3271
Date of issue 08/12/08 **Supersedes** 04/25/05

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2527 8TH AVE
GREELEY CO 80631-8409

Printing date: 01/13/09

Emergency Telephone Numbers

For MSDS Information:
Compliance Services 1-877-I-BUY-ZEP (428-9937)

For Medical Emergency
INFOTRAC: (877) 541-2016 Toll Free - All Calls Recorded

For Transportation Emergency
CHEMTREC: (800) 424-9300 - All Calls Recorded
In the District of Columbia (202) 483-7616

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Compliance Services
1420 Seaboard Industrial Blvd.
Atlanta, GA 30318

Section 2. Hazards Identification

Emergency overview

WARNING

MAY CAUSE EYE IRRITATION.

CONTENTS UNDER PRESSURE.

NOTE: MSDS data pertains to the product as delivered in the original shipping container(s). Risk of adverse effects are lessened by following all prescribed safety precautions, including the use of proper personal protective equipment.

*Hazard Determination System (HDS): Health, Flammability, Reactivity



Acute Effects

Routes of Entry

Eye contact, Inhalation.

Eyes Direct contact may cause irritation and redness. Inflammation of the eye is characterized by redness, watering and itching.

Skin May cause skin irritation. Skin inflammation is characterized by itching, scaling, or reddening.

Inhalation Avoid direct inhalation of spray. Over-exposure by inhalation may cause respiratory irritation.

Ingestion May be harmful if swallowed. Aspiration hazard if swallowed. Can enter lungs and cause damage.

Chronic effects

Contains material which may cause damage to the following organs: kidneys, liver, central nervous system (CNS).

Carcinogenicity Ingredients: Not listed as carcinogen by OSHA, NTP or IARC.

Additional Information: See Toxicological Information (Section 11)

Section 3. Composition/Information on Ingredients

Name of Hazardous Ingredients	CAS number	% by Weight
ACETONE; dimethyl ketone	67-64-1	55 - 65
PROPANE; liquefied petroleum gas	68476-85-7	20 - 30
ETHANOL; ethyl alcohol; grain alcohol	64-17-5	1 - 10
PROPYLENE GLYCOL; 1,2-dihydroxypropane, 1,2-propanediol	57-55-6	1 - 10

Section 4. First Aid Measures

Eye Contact Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention immediately.

Skin Contact Rinse with plenty of running water. Get medical attention if irritation develops.

Inhalation Move exposed person to fresh air. If irritation persists, get medical attention.

Ingestion Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. If affected person is conscious, give plenty of water to drink. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Section 5. Fire Fighting Measures

National Fire Protection Association (U.S.A.)



Flash Point	Not available.
Flammable Limits	Not available.
Flammability	Non-flammable. (CSMA Method)
Fire hazard	CONTENTS UNDER PRESSURE. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. Bursting aerosol containers may be propelled from a fire at high speed.
Fire-Fighting Procedures	Use an extinguishing agent suitable for the surrounding fire. Cool closed containers exposed to fire with water. Fire-fighters should wear appropriate protective equipment.

Section 6. Accidental Release Measures

Spill Clean up Large spills are unlikely due to packaging.

Section 7. Handling and Storage

Handling	Put on appropriate personal protective equipment (see section 8). Store and use away from heat, sparks, open flame or any other ignition source. Avoid contact with eyes, skin and clothing. Do not breathe vapor or mist. Do not ingest. Use only with adequate ventilation. Observe label precautions. Wash thoroughly after handling.
Storage	CONTENTS UNDER PRESSURE. Do not puncture, incinerate or store the container at temperatures above 49°C (120°F) or in direct sunlight. Keep away from food, drink and animal feeding stuffs. Keep out of the reach of children.

Section 8. Exposure Controls/Personal Protection**Product name**

ACETONE; dimethyl ketone

Exposure limits

ACGIH TLV / OSHA PEL (United States).

TWA: 750 ppm 8 hour(s).

ACGIH / OSHA (United States).

STEL: 1000 ppm 15 minute(s).

PROPANE; liquefied petroleum gas

ACGIH TLV (United States).

: 800 ppm 8 hour(s).

OSHA PEL (United States).

TWA: 1000 ppm 8 hour(s).

ETHANOL; ethyl alcohol; grain alcohol

ACGIH TLV / OSHA PEL (United States).

TWA: 1000 ppm 8 hour(s).

PROPYLENE GLYCOL; 1,2-dihydroxypropane, 1,2-propanediol

AIHA WEEL (United States).

TWA: 10 mg/m³ 8 hour(s).**Personal Protective Equipment (PPE)**

Eyes	Safety glasses.
Body	No special protective clothing is required.
Respiratory	Avoid direct inhalation of spray. Use with adequate ventilation.

Section 9. Physical and Chemical Properties

Physical State	Liquid. [Aerosol.]	Color	Clear. Colorless.
pH	Not applicable	Odor	Cinnamon
Boiling Point	55.6°C (132.1°F)	Vapor Pressure	Not determined.
Specific Gravity	0.75	Vapor Density	Not determined.
Solubility	Very slightly soluble in the following materials: cold water and hot water.	Evaporation Rate	<1 (Water = 1)
		VOC (Consumer)	223 (g/l). 1.9 lbs/gal (29.8%)

Section 10. Stability and Reactivity

Stability and Reactivity	The product is stable.
Incompatibility	Keep away from heat, sparks and flame. Slightly reactive or incompatible with the following materials: oxidizing materials.
Hazardous Polymerization	Will not occur.
Hazardous Decomposition Products	carbon oxides (CO, CO ₂)

Section 11. Toxicological Information**Acute Toxicity**

Product/ingredient name	Result	Species	Dose	Exposure
Acetone	LD50 Dermal	Rabbit	20000 mg/kg	-
	LD50 Oral	Mouse	9750 mg/kg	-
	LC50 Inhalation Vapor	Rat	16000 ppm	4 hours
Ethanol	LD50 Oral	Rat	7060 mg/kg	-
	LC50 Inhalation Vapor	Rat	20000 mg/m ³	4 hours
Propylene Glycol	LD50 Dermal	Rabbit	208 mg/kg	-
	LD50 Oral	Mouse	240 mg/kg	-
	LD50 Oral	Dog	260 mg/kg	-
	LD50 Oral	Rat	200 mg/kg	-

Section 12. Ecological Information

Environmental Effects No known significant effects or critical hazards.

Aquatic Ecotoxicity

Not available.

Section 13. Disposal Considerations**Waste Information**

Waste must be disposed of in accordance with federal, state and local environmental control regulations. Consult your local or regional authorities for additional information.

Waste Stream Non-hazardous waste

Section 14. Transport Information

Regulatory information	UN number	Proper shipping name	Classes	PG*	Label
DOT Classification	None.	Consumer commodity ORM-D			
IMDG Class	Not determined.				

NOTE: DOT classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.

PG* : Packing group

Section 15. Regulatory Information**U.S. Federal Regulations**

SARA 313 toxic chemical notification and release reporting:

No products were found.

Clean Water Act (CWA) 307: No products were found.

Clean Water Act (CWA) 311: No products were found.

Clean Air Act (CAA) 112 regulated toxic substances: No products were found.

All Components of this product are listed or exempt from listing on TSCA Inventory.

State Regulations

California Prop 65 No products were found.

Section 16. Other Information

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

*NOTE: Hazard Determination System (HDS) ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although these ratings are not required on MSDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HDS ratings are to be used with a fully implemented program to relay the meanings of this scale.



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www.zep.com

Material Safety Data Sheet

and Safe Handling and Disposal Information

Section 1. Chemical Product and Company Identification

Product name **METER MIST COUNTRY GARDEN**
Product use Odor Counteractant
Product code **3307**
Date of issue **08/10/05** **Supersedes 02/10/99**

Emergency Telephone Numbers

For MSDS Information:
Compliance Services 1-877-1-BUY-ZEP (428-9937)

For Medical Emergency
INFOTRAC: (877) 541-2016 Toll Free - All Calls Recorded

For Transportation Emergency
CHEMTREC: (800) 424-9300 - All Calls Recorded
In the District of Columbia (202) 483-7616

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Printing date: 01/13/09

Section 2. Composition, Information on Ingredients

Name of hazardous ingredients	CAS #	% by Weight	Exposure Limits
ACETONE: dimethyl ketone	67-64-1	55 - 65	ACGIH TLV / OSHA PEL (United States). TWA: 750 ppm 8 hour(s). ACGIH / OSHA (United States). STEL: 1000 ppm 15 minute(s).
PROPANE: liquefied petroleum gas	68476-85-7	20 - 30	ACGIH TLV (United States). : 800 ppm 8 hour(s). OSHA PEL (United States). TWA: 1000 ppm 8 hour(s).
ETHANOL: ethyl alcohol; grain alcohol	64-17-5	<10	ACGIH TLV / OSHA PEL (United States). TWA: 1000 ppm 8 hour(s).
2-(2-ETHOXYETHOXY)-ETHANOL; diethylene glycol monoethyl ether, ethoxydiglycol	111-90-0	<10	Not established

Section 3. Hazards Identification

Acute Effects

Routes of Entry Eye contact. Inhalation.

Skin Non-irritating under recommended conditions of use. Prolonged or repeated contact may dry skin and cause irritation.

Eyes Direct contact may cause irritation and redness.

Inhalation Non-irritating under recommended conditions of use. Overexposure by inhalation may cause respiratory irritation.

Ingestion Unlikely in this form.

NOTE: MSDS data pertains to the product as delivered in the original shipping container(s). Risk of adverse health effects are lessened by following all prescribed safety precautions, including use of proper personal protective equipment.

Carcinogenic Effects Ingredients: Not listed as carcinogen by OSHA, NTP or IARC.

Chronic Effects No known chronic effects from exposure.

See Toxicological Information (section 11)

HMIS

Health	1
Flammability	1
Reactivity	0
Personal Protection	N/A

Section 4. First Aid Measures

Eye Contact Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Get medical attention.

Skin Contact Wash with soap and water. If irritation persists, get medical attention.

Inhalation If inhaled, remove to fresh air. If irritation persists, get medical attention.

Ingestion Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention if symptoms appear.

MATERIAL SAFETY DATA SHEET

NOTICE

Thank you for your interest in, and use of, this product. Acuity Specialty Products Group is pleased to be of service to you by supplying this Material Safety Data Sheet for your files. Acuity Specialty Products Group is concerned for your health and safety. This product and all others supplied by Acuity Specialty Products Group companies can be used safely with proper protective equipment and proper handling practices consistent with label instructions and the MSDS. Before using any this product, be sure to read the complete label and the Material Safety Data Sheet.

As a further word of caution, Acuity Specialty Products Group wishes to advise that serious accidents have resulted from the misuse of "emptied" containers. "Empty" containers retain residue (liquid and/or vapor) and can be dangerous. DO NOT pressurize, cut, weld, braze, solder, drill, grind or expose such containers to heat, flame, sparks, or other sources of ignition; they may explode or develop harmful vapors and possibly cause injury or death. Clean empty containers by triple rinsing with water or an appropriate solvent. Empty containers must be sent to a drum reconditioner before reuse.

TERMS AND ABBREVIATIONS Listed Alphabetically by Section

SECTION II: HAZARDOUS INGREDIENTS

CAR: Carcinogen - A chemical listed by the National Toxicology Program (NTP), the International Agency for Research on Cancer (IARC) or OSHA as a definite or possible human cancer causing agent.

CAS#: Chemical Abstract Services Registry Number - A universally accepted numbering system for chemical substances.

CBL: Combustible - At temperatures between 100°F and 200°F chemical gives off enough vapor to ignite if a source of ignition is present as tested with a closed cup tester.

CNS: Central Nervous System depressant that reduces the activity of the brain and spinal cord.

COR: Corrosive - Causes irreversible injury to living tissue (e.g. burns).

DESIGNATIONS: Chemical and common names of hazardous ingredients.

EIR: Eye Irritant Only - Causes reversible reddening and/or inflammation of eye tissues.

EXPOSURE LIMITS: The time weighted average (TWA) airborne concentration at which most workers can be exposed without any expected adverse effects. Primary sources include ACGIH TLVs, and OSHA PELs.

ACGIH: American Conference of Governmental Industrial Hygienists

CEILING: "The concentration that should not be exceeded in the workplace during any part of the working exposure." Source, ACGIH

OSHA: Occupational Safety and Health Administration.

PEL: Permissible Exposure Limit - A set of time weighted average exposure values, established by OSHA, for a normal 8-hour day and a 40-hour work-week.

PPM: Parts per million - unit of measure for exposure limits.

(S) SKIN: Skin contact with substance can contribute to overall exposure.

STEL: Short Term Exposure Limit - Maximum concentration for a continuous 15-minute exposure period.

TLV: Threshold Limit Value - A set of time weighted average exposure limits, established by the ACGIH, for a normal 8-hour day and a 40-hour work-week.

FBL: Flammable - At temperatures under 100°F, chemical gives off enough vapors to ignite if a source of ignition is present as tested with a closed cup tester.

HAZARDOUS INGREDIENTS: Chemical substances that are determined to be potential health or physical hazards based on the criteria established in the OSHA Hazard Communication Standard - 29 CFR 1910.1200

HTX: Highly toxic - the probable lethal dose for a 70 kg (150 lb.) man, which may be approximated as less than 6 teaspoons (2 tablespoons)

IRR: Irritant - Causes reversible effects in living tissues (e.g. inflammation) - primarily skin and eyes.

N/A: Not Applicable - Category is not appropriate for this product.

N/D: Not Determined - Insufficient information to make a determination for this item.

RTECS#: Registry of Toxic Effects of Chemical Substances - an unreviewed listing of published toxicology data on chemical substances.

SARA: Superfund Amendment and Reauthorization Act - Section 313 designates certain chemicals for possible reporting for the Toxic Chemical Release Inventory.

SEN: Sensitizer - Causes allergic reaction after repeated exposure.

TOX: Toxic - The probable lethal dose for a 70 kg (150 kg) man is one ounce (2 tablespoons) or more.

SECTION III: HEALTH HAZARD DATA

ACUTE EFFECT: An adverse effect on the human body from a single exposure with symptoms developing almost immediately after exposure or within a relatively short time.

CHRONIC EFFECT: Adverse effects that are most likely to occur from repeated exposure over a long period of time.

EST'D PEL/TLV: This estimated, time-weighted-average, exposure limit, developed by using a formula provided by the ACGIH, pertains to airborne concentrations from the product as a whole. This value should serve as guide for providing safe workplace conditions to nearly all workers.

HMIS CODES: Hazardous Material Identification System - a rating system developed, by the National Paint and Coating Association for estimating the hazard potential of a chemical under normal workplace conditions. These risk estimates are indicated by a numerical rating given in each of three hazard areas (Health/ Flammability/Reactivity) ranging from a low of zero to a high of 4. The presence of a chronic hazard is indicated by a "YES". Consult HMIS training guides for Personal Protection letter codes, which indicate necessary protective equipment.

PRIMARY ROUTE OF ENTRY: The way one or more hazardous ingredients may enter the body and cause a generalized systemic or specific-organ toxic effect.

ING: Ingestion - A primary route of exposure through swallowing of material.

INH: Inhalation - A primary route of exposure through breathing of vapors.

SKIN: A primary route of exposure through contact with the skin.

SECTION IV: SPECIAL PROTECTION INFORMATION

Where respiratory protection is recommended, use only MSHA and NIOSH approved respirators and dust masks.

MSHA: Mine Safety and Health Administration

NIOSH: National Institute for Occupational Safety and Health.

SECTION V: PHYSICAL DATA

EVAPORATION RATE: Refers to the rate of change from the liquid state to the vapor state at ambient temperature and pressure in comparison to a given substance (e.g. water).

pH: A value representing the acidity or alkalinity of an aqueous solution (Highly Acidic pH = 1; Neutral pH = 7; Highly Alkaline pH = 14)

VOC CONTENT: The percentage or amount in pounds per gallon of the product that is regulated as a Volatile Organic Compound under the Clean Air Act of 1990 and various state jurisdictions.

SOLUBILITY IN WATER: A description of the ability of the product to dissolve in water.

SECTION VII: REACTIVITY DATA

HAZARDOUS DECOMPOSITION: Breakdown products expected to be produced upon product decomposition by extreme heat or fire.

INCOMPATIBILITY: Keep product away from listed substances or conditions to prevent hazardous reactions.

POLYMERIZATION: Indicates the tendency of the product's molecules to combine with themselves in a chemical reaction releasing excess pressure and heat.

STABILITY: Indicates the susceptibility of the product to decompose spontaneously and dangerously.

SECTION VIII: SPILL AND DISPOSAL PROCEDURES

RCRA WASTE NOs: RCRA (Resource Conservation and Recovery Act) waste codes (40 CFR 261) applicable to the disposal of spilled or unusable product from the original container.

SECTION X: TRANSPORTATION DATA

CWA: Clean Water Act - Federal law that regulates chemical releases to bodies of water.

RQ: Reportable Quantity - The amount of the specific ingredient that, when spilled to the ground and, can enter a storm sewer or natural watershed, must be reported to the National Response Center, and other regulatory agencies.

TSCA: Toxic Substances Control Act - A federal law requiring all commercial chemical substances to appear on an inventory maintained by the EPA.

DISCLAIMER

All statements, technical information, and recommendations contained herein are based on available scientific tests or data that we believe to be reliable. The accuracy and completeness of such data are not warranted or guaranteed. We cannot anticipate all conditions under which this information and our products, or the products of other manufacturers in combination with our products, may be used. Acuity Specialty Products Group assumes no liability or responsibility for loss or damage resulting from the improper use or handling of our products, from incompatible product combinations, or from the failure to follow instructions, warnings, and advisories in the product label and Material Safety Data Sheet

(rev 06/02)



ZEP MANUFACTURING COMPANY
 Acuity Specialty Products Group, Inc.
 P.O. BOX 2015
 ATLANTA, GA 30301
 1-877-I-BUY-ZEP

Material Safety Data Sheet and Safe Handling and Disposal Information

Section 1. Chemical Product and Company Identification

Product name **METER MIST COUNTRY GARDEN**
Product Use Odor Counteractant
Product Code **3307**
Date of issue **02/10/99** **Supersedes 12/31/96**

Emergency Telephone Numbers **For MSDS Information:**
 Acuity Specialty Products Group, Inc.
Compliance Services 1-877-I-BUY-ZEP

For Medical Emergency:
 INFOTRAC
(877) 541-2016 Toll Free - All Calls Recorded

For a Transportation Emergency:
 CHEMTREC
(800) 424-9300 - All Calls Recorded
In the District of Columbia (202) 483-7616

ADVANCED AUTO PROS
 2527 S 8TH AVE
 GREELEY CO 80631

Printing date: 01/21/05

Prepared by Compliance Services Group
 Acuity Specialty Products Group
 1420 Seaboard Industrial Blvd.
 Atlanta, GA 30318

Section 2. Composition, Information on Ingredients

Name of Hazardous Ingredients	CAS #	% by Weight	Exposure Limits
ACETONE; dimethyl ketone	67-64-1	55-65	OSHA PEL (United States). TWA: 1000 ppm 8 hour(s). ACGIH (United States). STEL: 750 ppm 15 minute(s). Not established
2-(2-ETHOXYETHOXY)-ETHANOL; diethylene glycol monoethyl ether, ethoxydiglycol	111-90-0	<10	
ETHANOL; ethyl alcohol; grain alcohol	64-17-5	<10	ACGIH TLV (United States). TWA: 1000 ppm 8 hour(s). OSHA PEL (United States). TWA: 1000 ppm 8 hour(s).
PROPANE; liquefied petroleum gas	68476-85-7	20-30	ACGIH TLV (United States). : 800 ppm 8 hour(s). OSHA PEL (United States). TWA: 1000 ppm 8 hour(s).

Section 3. Hazards Identification

Acute Effects **Routes of Entry** Eye contact. Inhalation.
Skin Non-irritating under recommended conditions of use. Prolonged or repeated contact may dry skin and cause irritation.
Eyes Direct contact may cause irritation and redness.
Inhalation Non-irritating under recommended conditions of use. Overexposure by inhalation may cause respiratory irritation.
Ingestion Unlikely in this form.

HMIS	
Health	3
Physical	2
Reactivity	0
Personal Protection	N/A

Carcinogenic Effects Ingredients: Not listed as carcinogen by OSHA, NTP or IARC.
Chronic Effects No known chronic effects from exposure.

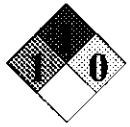
See Toxicological Information (section 11)

Section 4. First Aid Measures

Eye Contact Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Get medical attention.
Skin Contact Wash with soap and water. If irritation persists, get medical attention.
Inhalation If inhaled, remove to fresh air. If irritation persists, get medical attention.
Ingestion Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention if symptoms appear.

Section 5. Fire Fighting Measures

Flash Point Non-flammable (CSMA) **Flammable Limits** Not applicable.
Flammability Not applicable.
Fire Hazard Container explosion may occur under fire conditions or when heated.
Fire-Fighting Procedures Cool closed containers exposed to fire with water.

**Section 6. Accidental Release Measures**

Spill Clean up Spills are unlikely due to packaging.

Section 7. Handling and Storage

Handling Avoid breathing vapors or spray mists. Avoid contact with eyes.
Storage Do not puncture, incinerate, or store the container at temperatures above 49°C (120°F) or in direct sunlight.

Section 8. Exposure Controls, Personal Protection

	Personal Protection	Protective Clothing (Pictograms)
Eyes	Recommended: Safety glasses.	
Body	No special protective clothing is required.	
Respiratory	Avoid direct inhalation of spray.	

Section 9. Physical and Chemical Properties

Physical State	Liquid.	Color	Colorless.
pH	Not available.	Odor	Pleasant. Floral.
Boiling Point	55.6°C (132°F)	Vapor Pressure	Not available.
Specific Gravity	0.826 (Water = 1)	Vapor Density	Not available.
Solubility	Partially soluble in water.	Evaporation Rate	Not available.
		VOC (Consumer)	30% 1.87 (lb/gal) 224.6 (g/l).

Section 10. Stability and Reactivity

Stability and Reactivity The product is stable.
Incompatibility None identified.
Hazardous Polymerization Will not occur.
Hazardous Decomposition Products Carbon oxides (CO, CO₂) and unspecified organic materials

Section 11. Toxicological Information

Toxicity to Animals Not applicable.

Section 12. Ecological Information

Ecotoxicity Not available.
Biodegradable/OECD Not available.

Section 13. Disposal Considerations

Waste Information Waste must be disposed of in accordance with federal, state and local environmental control regulations. **Waste Stream Code:** - (Not applicable.)
Classification: - (Non-hazardous waste)

Consult your local or regional authorities.

Section 14. Transport Information

Proper shipping name Consumer Commodity
DOT Classification ORM-D **UN number** Not applicable

Section 15. Regulatory Information

U.S. Federal Regulations SARA 313 toxic chemical notification and release reporting:
 Diethylene Glycol Monoethyl Ether (Glycol Ethers)
 Clean Water Act (CWA) 311: No products were found.
 Clean air act (CAA) 112 regulated toxic substances: Diethylene Glycol Monoethyl Ether

Section 16. Other Information

*To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.
 Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution.
 Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.*



ZEP Manufacturing Company
 Acuity Specialty Products Group, Inc.
 P.O. Box 2015
 Atlanta, GA 30301
 1-877-1-BUY-ZEP (428-9937)

Material Safety Data Sheet and Safe Handling and Disposal Information

Section 1. Chemical Product and Company Identification

Product name METER MIST - SUGAR AND SPICE
Product Use Odor Counteractant
Product Code 3324
Date of issue 10/01/04 **Supersedes**

Emergency For MSDS Information:
Telephone Numbers Acuity Specialty Products Group, Inc.
 Compliance Services 1-877-1-BUY-ZEP (428-9937)

ADVANCED AUTO PROS
 2527 S 8TH AVE
 GREELEY CO 80631

For Medical Emergency
 INFOTRAC:
 (877) 541-2016 Toll Free - All Calls Recorded

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 CHEMTREC:
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 In the District of Columbia (202) 483-7616

Printing date: 01/21/05

Prepared by Compliance Services Group
 Acuity Specialty Products Group
 1420 Seaboard Industrial Blvd.
 Atlanta, GA 30318

Section 2. Composition, Information on Ingredients

Name of Hazardous Ingredients	CAS #	% by Weight	Exposure Limits
ACETONE; dimethyl ketone	67-64-1	55-65	OSHA PEL (United States). TWA: 1000 ppm 8 hour(s). ACGIH (United States). STEL: 750 ppm 15 minute(s). Not established
2-(2-ETHOXYETHOXY)-ETHANOL; diethylene glycol monoethyl ether, ethoxydiglycol	111-90-0	<10	
ETHANOL; ethyl alcohol; grain alcohol	64-17-5	<10	ACGIH TLV (United States). TWA: 1000 ppm 8 hour(s). OSHA PEL (United States). TWA: 1000 ppm 8 hour(s).
PROPANE; liquefied petroleum gas	68476-85-7	20-30	ACGIH TLV (United States). : 800 ppm 8 hour(s). OSHA PEL (United States). TWA: 1000 ppm 8 hour(s).

Section 3. Hazards Identification

Acute Effects **Routes of Entry** Eye contact. Inhalation.
Skin Non-irritating under recommended conditions of use. Prolonged or repeated contact may dry skin and cause irritation.
Eyes Direct contact may cause irritation and redness.
Inhalation Non-irritating under recommended conditions of use. Overexposure by inhalation may cause respiratory irritation.
Ingestion Unlikely in this form.

HMIS	
Health	1
Physical	1
Reactivity	0
Personal Protection	N/A

Carcinogenic Effects Ingredients: Not listed as carcinogen by OSHA, NTP or IARC.

Chronic Effects No known chronic effects from exposure.

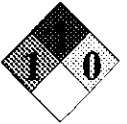
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Section 4. First Aid Measures

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Skin Contact Wash with soap and water. If irritation persists, get medical attention.
Inhalation If inhaled, remove to fresh air. If irritation persists, get medical attention.
Ingestion Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention if symptoms appear.

Section 5. Fire Fighting Measures

Flash Point Non-flammable (CSMA) Flammable Limits Not applicable.
 Flammability Not applicable.
 Fire Hazard Container explosion may occur under fire conditions or when heated.
 Fire-Fighting Procedures Cool closed containers exposed to fire with water.

**Section 6. Accidental Release Measures**

Spill Clean up Spills are unlikely due to packaging.

Section 7. Handling and Storage

Handling Avoid breathing vapors or spray mists. Avoid contact with eyes.
 Storage Do not puncture, incinerate, or store the container at temperatures above 49°C (120°F) or in direct sunlight.

Section 8. Exposure Controls, Personal Protection**Personal Protection****Protective Clothing (Pictograms)**

Eyes Recommended: Safety glasses.
 Body No special protective clothing is required.
 Respiratory Avoid direct inhalation of spray.

**Section 9. Physical and Chemical Properties**

Physical State Aerosol (Liquid fill) Color Colorless.
 pH Not available. Odor Pleasant. Vanilla/Cinnamon.
 Boiling Point 55.6°C (132°F) Vapor Pressure Not available.
 Specific Gravity 0.82 (Water = 1) Vapor Density Not available.
 Solubility Partially soluble in water. Evaporation Rate Not available.
 VOC (Consumer) 29.75% 244 (g/l).

Section 10. Stability and Reactivity

Stability and Reactivity The product is stable.
 Incompatibility None identified.
 Hazardous Polymerization Will not occur.
 Hazardous Decomposition Products Carbon oxides (CO, CO₂) and unspecified organic materials

Section 11. Toxicological Information

Toxicity to Animals Not applicable.

Section 12. Ecological Information

Ecotoxicity Not available.
 Biodegradable/OECD Not available.

Section 13. Disposal Considerations

Waste Waste must be disposed of in accordance with federal, state and local environmental control regulations. Waste Stream Code: - (Not applicable.)
 Information Classification: - (Non-hazardous waste)
 Consult your local or regional authorities.

Section 14. Transport Information

Proper shipping name Consumer Commodity UN number Not applicable
 DOT Classification ORM-D

Section 15. Regulatory Information

U.S. Federal Regulations SARA 313 toxic chemical notification and release reporting:
 Diethylene Glycol Monoethyl Ether (Glycol Ethers)
 Clean Water Act (CWA) 311: No products were found.
 Clean air act (CAA) 112 regulated toxic substances: Diethylene Glycol Monoethyl Ether

Section 16. Other Information

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 Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.*



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Acuity Specialty Products Group, Inc.
P.O. Box 2015
Atlanta, GA 30301
1-877-I-BUY-ZEP (428-9937)

Material Safety Data Sheet and Safe Handling and Disposal Information

Section 1. Chemical Product and Company Identification

Product name Meter Mist Mango
Product Use Odor Counteractant
Product Code 3327
Date of issue 08/18/04 **Supersedes**

Emergency Telephone Numbers For MSDS Information:
Acuity Specialty Products Group, Inc.
Compliance Services 1-877-I-BUY-ZEP

For Medical Emergency:
INFOTRAC
(877) 541-2016 Toll Free - All Calls Recorded

For a Transportation Emergency:
CHEMTREC
(800) 424-9300 - All Calls Recorded
In the District of Columbia (202) 483-7616

Prepared by Compliance Services Group
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Atlanta, GA 30318

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2527 S 8TH AVE
GREELEY CO 80631

Printing date: 01/21/05

Section 2. Composition, Information on Ingredients

Name of Hazardous Ingredients	CAS #	% by Weight	Exposure Limits
ACETONE; dimethyl ketone	67-64-1	55-65	OSHA PEL (United States). TWA: 1000 ppm 8 hour(s). ACGIH (United States). STEL: 750 ppm 15 minute(s). Not established
2-(2-ETHOXYETHOXY)-ETHANOL; diethylene glycol monoethyl ether, ethoxydiglycol	111-90-0	<10	
ETHANOL; ethyl alcohol; grain alcohol	64-17-5	<10	ACGIH TLV (United States). TWA: 1000 ppm 8 hour(s). OSHA PEL (United States). TWA: 1000 ppm 8 hour(s).
PROPANE; liquefied petroleum gas	68476-85-7	20-30	ACGIH TLV (United States). : 800 ppm 8 hour(s). OSHA PEL (United States). TWA: 1000 ppm 8 hour(s).

Section 3. Hazards Identification

Acute Effects **Routes of Entry** Eye contact. Inhalation.

Skin Non-irritating under recommended conditions of use. Prolonged or repeated contact may dry skin and cause irritation.

Eyes Direct contact may cause irritation and redness.

Inhalation Non-irritating under recommended conditions of use. Overexposure by inhalation may cause respiratory irritation.

Ingestion Unlikely in this form.

HMIS

Health	3
Physical	3
Personal Protection	N/A

Carcinogenic Effects Ingredients: Not listed as carcinogen by OSHA, NTP or IARC.

Chronic Effects No known chronic effects from exposure.

See Toxicological Information (section 11)

Section 4. First Aid Measures

Eye Contact Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Get medical attention.

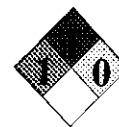
Skin Contact Wash with soap and water. If irritation persists, get medical attention.

Inhalation If inhaled, remove to fresh air. If irritation persists, get medical attention.

Ingestion Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention if symptoms appear.

Section 5. Fire Fighting Measures

Flash Point Non-flammable (CSMA) **Flammable Limits** Not applicable.
 Flammability Not applicable.
 Fire Hazard CONTENTS UNDER PRESSURE. Container explosion may occur under fire conditions or when heated.
 Fire-Fighting Procedures Use DRY chemicals, CO₂, water spray or foam. Cool closed containers exposed to fire with water.

**Section 6. Accidental Release Measures**

Spill Clean up Spills are unlikely due to packaging.

Section 7. Handling and Storage

Handling Avoid breathing vapors or spray mists. Avoid contact with eyes. Wash thoroughly after handling.
 Storage Do not puncture, incinerate, or store the container at temperatures above 49°C (120°F) or in direct sunlight. Keep away from food, drink and animal feeding stuffs. Keep out of the reach of children.

Section 8. Exposure Controls, Personal Protection

	Personal Protection	Protective Clothing (Pictograms)
Eyes	Recommended: Safety glasses.	
Body	No special protective clothing is required.	
Respiratory	Avoid direct inhalation of spray.	

Section 9. Physical and Chemical Properties

Physical State	Liquid. (Aerosol.)	Color	Colorless.
pH	Not applicable	Odor	Pleasant. Mango
Boiling Point	55.6°C (132°F)	Vapor Pressure	Not determined.
Specific Gravity	0.82 (Water = 1)	Vapor Density	Not determined.
Solubility	Partially soluble in water.	Evaporation Rate	Not determined.
		VOC (Consumer)	30% 2.0 (lb/gal) 243 (g/l).

Section 10. Stability and Reactivity

Stability and Reactivity The product is stable.
 Incompatibility None identified.
 Hazardous Polymerization Will not occur.
 Hazardous Decomposition Products Carbon oxides (CO, CO₂) and unspecified organic materials

Section 11. Toxicological Information

Toxicity to Animals Not applicable.

Section 12. Ecological Information

Ecotoxicity Not available.
 Biodegradable/OECD Not available.

Section 13. Disposal Considerations

Waste Waste must be disposed of in accordance with federal, state and local environmental control regulations. **Waste Stream** Code: - (Not applicable.)
 Information Classification: - (Non-hazardous waste)

Consult your local or regional authorities.

Section 14. Transport Information

Proper shipping name Consumer Commodity
 DOT Classification ORM-D **UN number** Not applicable

Section 15. Regulatory Information

U.S. Federal Regulations SARA 313 toxic chemical notification and release reporting:
 Diethylene Glycol Monoethyl Ether (Glycol Ethers)
 Clean Water Act (CWA) 311: No products were found.
 Clean air act (CAA) 112 regulated toxic substances: Diethylene Glycol Monoethyl Ether

Section 16. Other Information

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 Acuity Specialty Products Group, Inc.
 P.O. Box 2015
 Atlanta, GA 30301
 1-877-I-BUY-ZEP (428-9937)

Material Safety Data Sheet and Safe Handling and Disposal Information

Section 1. Chemical Product and Company Identification

Product name METER MIST TRANQUIL MEADOWS
Product Use Odor Counteractant
Product Code 3328
Date of issue 10/01/04 **Supersedes**

Emergency Telephone Numbers For MSDS Information:
 Acuity Specialty Products Group, Inc.
 Compliance Services 1-877-I-BUY-ZEP (428-9937)

For Medical Emergency
 INFOTRAC:
 (877) 541-2016 Toll Free - All Calls Recorded

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 2527 S 8TH AVE
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Printing date: 01/21/05

Section 2. Composition, Information on Ingredients

Name of Hazardous Ingredients	CAS #	% by Weight	Exposure Limits
ACETONE; dimethyl ketone	67-64-1	55-65	OSHA PEL (United States). TWA: 1000 ppm 8 hour(s). ACGIH (United States). STEL: 750 ppm 15 minute(s). Not established
2-(2-ETHOXYETHOXY)-ETHANOL; diethylene glycol monoethyl ether, ethoxydiglycol	111-90-0	<10	ACGIH TLV (United States). TWA: 1000 ppm 8 hour(s). OSHA PEL (United States). TWA: 1000 ppm 8 hour(s). ACGIH TLV (United States). : 800 ppm 8 hour(s). OSHA PEL (United States). TWA: 1000 ppm 8 hour(s).
ETHANOL; ethyl alcohol; grain alcohol	64-17-5	<10	
PROPANE; liquefied petroleum gas	68476-85-7	20-30	

Section 3. Hazards Identification

Acute Effects **Routes of Entry** Eye contact. Inhalation.
Skin Non-irritating under recommended conditions of use. Prolonged or repeated contact may dry skin and cause irritation.
Eyes Direct contact may cause irritation and redness.
Inhalation Non-irritating under recommended conditions of use. Overexposure by inhalation may cause respiratory irritation.
Ingestion Unlikely in this form.

HMIS

Health	1
Physical	1
Personal Protection	N/A

Carcinogenic Effects Ingredients: Not listed as carcinogen by OSHA, NTP or IARC.

Chronic Effects No known chronic effects from exposure.

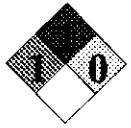
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Inhalation If inhaled, remove to fresh air. If irritation persists, get medical attention.
Ingestion Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention if symptoms appear.

Section 5. Fire Fighting Measures

Flash Point Non-flammable (CSMA) Flammable Limits Not applicable.
 Flammability Not applicable.
 Fire Hazard Container explosion may occur under fire conditions or when heated.
 Fire-Fighting Procedures Cool closed containers exposed to fire with water.

**Section 6. Accidental Release Measures**

Spill Clean up Spills are unlikely due to packaging.

Section 7. Handling and Storage

Handling Avoid breathing vapors or spray mists. Avoid contact with eyes.
 Storage Do not puncture, incinerate, or store the container at temperatures above 49°C (120°F) or in direct sunlight.

Section 8. Exposure Controls, Personal Protection

	Personal Protection	Protective Clothing (Pictograms)
Eyes	Recommended: Safety glasses.	
Body	No special protective clothing is required.	
Respiratory	Avoid direct inhalation of spray.	

Section 9. Physical and Chemical Properties

Physical State	Aerosol. (Liquid fill)	Color	Colorless.
pH	Not available.	Odor	Pleasant. Floral.
Boiling Point	55.6°C (132°F)	Vapor Pressure	Not available.
Specific Gravity	0.814 (Water = 1)	Vapor Density	Not available.
Solubility	Partially soluble in water.	Evaporation Rate	Not available.
		VOC (Consumer)	29.75% 242 (g/l).

Section 10. Stability and Reactivity

Stability and Reactivity The product is stable.
 Incompatibility None identified.
 Hazardous Polymerization Will not occur.
 Hazardous Decomposition Products Carbon oxides (CO, CO₂) and unspecified organic materials

Section 11. Toxicological Information

Toxicity to Animals Not applicable.

Section 12. Ecological Information

Ecotoxicity Not available.
 Biodegradable/OECD Not available.

Section 13. Disposal Considerations

Waste Waste must be disposed of in accordance with federal, state and local environmental control regulations. Waste Stream Code: - (Not applicable.)
 Information Classification: - (Non-hazardous waste)
 Consult your local or regional authorities.

Section 14. Transport Information

Proper shipping name Consumer Commodity
 DOT Classification ORM-D UN number Not applicable

Section 15. Regulatory Information

U.S. Federal Regulations SARA 313 toxic chemical notification and release reporting:
 Diethylene Glycol Monoethyl Ether (Glycol Ethers)
 Clean Water Act (CWA) 311: No products were found.
 Clean air act (CAA) 112 regulated toxic substances: Diethylene Glycol Monoethyl Ether

Section 16. Other Information

*To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.
 Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution.
 Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.*



ZEP Manufacturing Company
Acuity Specialty Products Group, Inc.
P.O. Box 2015
Atlanta, GA 30301
1-877-I-BUY-ZEP

Material Safety Data Sheet

and Safe Handling and Disposal Information

Section 1. Chemical Product and Company Identification

Product name METER MIST PINK GRAPEFRUIT
Product Use Odor Counteractant
Product Code 3341
Date of issue 02/19/04 **Supersedes**

Emergency Telephone Numbers For MSDS Information:
Acuity Specialty Products Group, Inc.
Compliance Services 1-877-I-BUY-ZEP

For Medical Emergency:
INFOTRAC
(877) 541-2016 Toll Free - All Calls Recorded

For a Transportation Emergency:
CHEMTREC
(800) 424-9300 - All Calls Recorded
In the District of Columbia (202) 483-7616

Prepared by Compliance Services Group
Acuity Specialty Products Group
1420 Seaboard Industrial Blvd.
Atlanta, GA 30318

ADVANCED AUTO PROS
2527 S 8TH AVE
GREELEY CO 80631

Printing date: 01/21/05

Section 2. Composition, Information on Ingredients

Name of Hazardous Ingredients	CAS #	% by Weight	Exposure Limits
ACETONE; dimethyl ketone	67-64-1	55-65	OSHA PEL (United States). TWA: 1000 ppm 8 hour(s). ACGIH (United States). STEL: 750 ppm 15 minute(s). Not established
2-(2-ETHOXYETHOXY)-ETHANOL; diethylene glycol monoethyl ether, ethoxydiglycol	111-90-0	<10	
ETHANOL; ethyl alcohol; grain alcohol	64-17-5	<10	ACGIH TLV (United States). TWA: 1000 ppm 8 hour(s). OSHA PEL (United States). TWA: 1000 ppm 8 hour(s).
PROPANE; liquefied petroleum gas	68476-85-7	20-30	ACGIH TLV (United States). : 800 ppm 8 hour(s). OSHA PEL (United States). TWA: 1000 ppm 8 hour(s).

Section 3. Hazards Identification

Acute Effects **Routes of Entry** Eye contact. Inhalation.
Skin Non-irritating under recommended conditions of use. Prolonged or repeated contact may dry skin and cause irritation.
Eyes Direct contact may cause irritation and redness.
Inhalation Non-irritating under recommended conditions of use. Overexposure by inhalation may cause respiratory irritation.
Ingestion Unlikely in this form.

Carcinogenic Effects Ingredients: Not listed as carcinogen by OSHA, NTP or IARC.
Chronic Effects No known chronic effects from exposure.

See Toxicological Information (section 11)

HMIS

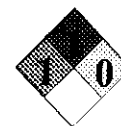
Health	1
Flammability	1
Personal Protection	N/A

Section 4. First Aid Measures

Eye Contact Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Get medical attention.
Skin Contact Wash with soap and water. If irritation persists, get medical attention.
Inhalation If inhaled, remove to fresh air. If irritation persists, get medical attention.
Ingestion Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention if symptoms appear.

Section 5. Fire Fighting Measures

Flash Point Non-flammable (CSMA) **Flammable Limits** Not applicable.
 Flammability Not applicable.
 Fire Hazard Container explosion may occur under fire conditions or when heated.
 Fire-Fighting Procedures Cool closed containers exposed to fire with water.

**Section 6. Accidental Release Measures**

Spill Clean up Spills are unlikely due to packaging.

Section 7. Handling and Storage

Handling Avoid breathing vapors or spray mists. Avoid contact with eyes.
 Storage Do not puncture, incinerate, or store the container at temperatures above 49°C (120°F) or in direct sunlight.

Section 8. Exposure Controls, Personal Protection

	Personal Protection	Protective Clothing (Pictograms)
Eyes	Recommended: Safety glasses.	
Body	No special protective clothing is required.	
Respiratory	Avoid direct inhalation of spray.	

Section 9. Physical and Chemical Properties

Physical State	Liquid.	Color	Colorless.
pH	Not available.	Odor	Pleasant. Lemongrass.
Boiling Point	55.6°C (132°F) - Initial	Vapor Pressure	Not available.
Specific Gravity	0.811 (Water = 1)	Vapor Density	Not available.
Solubility	Partially soluble in water.	Evaporation Rate	Not available.
		VOC (Consumer)	29.8% 240.7 (g/l).

Section 10. Stability and Reactivity

Stability and Reactivity The product is stable.
 Incompatibility None identified.
 Hazardous Polymerization Will not occur.
 Hazardous Decomposition Products Carbon oxides (CO, CO₂) and unspecified organic materials

Section 11. Toxicological Information

Toxicity to Animals Not applicable.

Section 12. Ecological Information

Ecotoxicity Not available.
 Biodegradable/OECD Not available.

Section 13. Disposal Considerations

Waste Waste must be disposed of in accordance with federal, state and local environmental control regulations. **Waste Stream** Code: - (Not applicable.)
 Information Classification: - (Non-hazardous waste)

Consult your local or regional authorities.

Section 14. Transport Information

Proper shipping name Consumer Commodity
 DOT Classification ORM-D **UN number** Not applicable

Section 15. Regulatory Information

U.S. Federal Regulations SARA 313 toxic chemical notification and release reporting:
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 Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.*



ZEP MANUFACTURING COMPANY
5500 JOLIET ST
DENVER, CO 80239



00116

B342

ADVANCED AUTO PRO'S
2527 S 8TH AVE
GREELEY, CO 80631



MATERIAL SAFETY DATA SHEET

**GoldPlus Precharged Premix
Prediluted Heavy-Duty Coolant (50/50)**

SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product/Chemical Name: Clear Choice GoldPlus Precharged Premix Antifreeze Nitrited Hybrid Organic Acid Technology (NOAT)

Product Description: Ethylene Glycol, Ethylene Glycol Solution, Heavy-Duty Coolant (50/50)

Chemical Family: Inhibited Ethylene Glycol and Water Solution

CAS Registry: Mixture

Manufacturer: Clear Choice
6021 E 50th Ave
Commerce City, CO 80022
303-227-9900

SECTION 2 – COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT	CAS No	WT. RANGE %	EXPOSURE LIMIT
*1,2-ethanediol (Ethylene Glycol)	107-21-1	46-51%	50ppm Ceiling-ACGIH
Diethylene glycol	11-46-6	0-3%	None established
Proprietary Additives and Inhibitors	Not applicable	<1%	Not applicable
Dye	Not applicable	<1%	Not applicable
Water	7732-18-5	Balance	Not applicable

*Hazardous according to OSHA (1910.1200) or one or more state Right-to-Know lists.

SECTION 3 – HAZARDOUS IDENTIFICATION

Health: 2

Flammability: 0

Reactivity: 0

Special: None

0 = minimal 1= slight 2=moderate 3= serious 4= severe

HMIS
H # 2
F # 0
R # 0
PPE†
†Sec. 8

Route(s) of Entry

Inhalation: Yes

Skin: Yes

Ingestion: Yes

Eyes: Yes

Target Organs: Kidneys and Liver

Effects of overexposure:

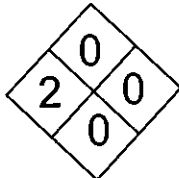
Acute: Eyes: May cause minimal irritation, experienced as temporary discomfort.

Effects of overexposure (con't)	Acute:	Skin:	Brief contact is not irritating. Prolonged contact, as with clothing wetted with material may cause defatting of skin or irritation, seen as local redness with possible mild discomfort. Other than the potential skin irritation effects noted above, acute (short term) adverse effects are not expected from brief skin contact.
		Inhalation:	Vapors or mist, in excess of permissible concentrations, or in unusually high concentrations generated from spraying, heating the material or as from exposure in poorly ventilated areas or confined spaces, may cause irritation of the nose and throat, headache, nausea, and drowsiness. Prolonged or repeated overexposure may result in the absorption of potentially harmful amounts of material.
		Ingestion:	Contains ethylene glycol and/or diethylene glycol, which are toxic when swallowed. A lethal dose for an adult is 1-2 ml per kilogram, or about 4 ounces (one-half cup). Symptoms include headache, weakness, confusion, dizziness, staggering, slurred speech, loss of concentration, faintness, nausea and vomiting, increased heart rate, decreased blood pressure, difficulty breathing and seeing, pulmonary edema, unconsciousness, convulsions, collapse and coma. Symptoms may be delayed. Decreased urine output and kidney failure may also occur. Severe poisoning may cause death. Aspiration may occur during swallowing or vomiting, resulting in lung damage.
		Unknown	
Sensitization Properties:			Unknown
Signs and Symptoms of Exposure:			See above "Effects of Overexposure."
Medical Conditions Generally Aggravated by Long-Term Exposure:			Repeated overexposure may aggravate existing kidney disease.
Chronic Effects:			Repeated ingestion may cause kidney damage
Carcinogenicity			
NTP:			Not listed
IARC Monographs:			Not listed
OSHA Regulations:			Not listed
ACGIH			Not listed

SECTION 4 – FIRST AID MEASURES

Emergency and First Aid Procedures:	Eye contact:	Immediately flush with large quantities of water for at least 15 minutes and
	Skin contact:	Remove excess with cloth or paper towel. Wash thoroughly with soap and water. If irritation persists, get medical attention.
	Ingestion:	Immediately contact a physician, poison control center or emergency treatment center. DO NOT induce vomiting. Aspiration Hazard: Product may be inhaled into lungs if vomited.
	Inhalation:	Remove to fresh air. Restore and/or support breathing as required. Keep victim warm and at rest.
Note to Physicians:		Treat symptomatically
Special Precautions/Procedures:		None known

SECTION 5 – FIRE-FIGHTING MEASURES

<p>Unusual Fire Fighting procedures:</p> <p>Flash Point:</p> <p>Flash Point Method:</p> <p>Burning Rate:</p> <p>Autoignition Temperature:</p> <p>Flammable limits in air (% by volume):</p> <p>LEL:</p> <p>UEL:</p> <p>Flammability Classification:</p> <p>Extinguishing Media:</p> <p>Unusual Fire or Explosion Hazards:</p> <p>Fire-Fighting Instructions;</p> <p>Fire-Fighting Equipment:</p> <p>Unusual Fire Fighting procedures:</p> <p>Other Information:</p>	<p>None known</p> <p>None at this dilution</p> <p>Not applicable</p> <p>Not applicable</p> <p>Not determined</p> <p>Not determined</p> <p>Not determined</p> <p>Does not burn, but can emit fumes in a fire.</p> <p>For large fires use alcohol-type or all purpose foam. For small fires use water spray, dry chemical, foam or carbon dioxide to extinguish.</p> <p>None known</p> <p>According to the National Fire Protection Association Guide, use water spray, dry chemical, foam or carbon dioxide. A direct stream of water or foam may cause frothing. Use water spray to disperse the vapors and to provide protection for person attempting to stop the leak.</p> <p>Because fire may produce toxic thermal decomposition products, wear a self-contained breathing apparatus (SCBA) with a full facepiece operated in pressure-demand or positive-pressure mode.</p> <p>Not required</p> <p>Products evolved when subjected to heat or combustion: carbon monoxide and carbon dioxide may be formed on burning in limited air supply.</p>	<p>NFPA</p> 
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SECTION 6 – ACCIDENTAL RELEASE MEASURES

<p>Spill/Leak Procedures:</p> <p>Regulatory Requirements:</p>	<p>Ventilate area. Avoid breathing vapor. Wear appropriate personal protective equipment, including appropriate respiratory protection. Contain spill if possible. Wipe up or absorb on suitable material and shovel up. Prevent entry into sewers and waterways. Avoid contact with skin, eyes or clothing.</p> <p>If more than 10,539 pounds of product is spilled, then report spill according to SARA 304 and/or CERCLA 102(a) requirements, unless product qualifies for petroleum exemption (CERCLA Section 101 (14)).</p>
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SECTION 7 – HANDLING AND STORAGE

<p>Handling Precautions</p> <p>Storage Requirements:</p>	<p>Minimum feasible handling temperatures should be maintained. Empty containers contain product residue and may be dangerous.</p> <p>Periods of exposure to high temperature should be minimized. Water contamination should be avoided. Keep containers away from open flames.</p> <p>ETHYLENE GLYCOL BASE – Ethylene Glycol has produced birth defects in rodents. Do not store near food.</p>
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SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

<p>Ventilation:</p> <p>Permissible Concentrations in Air:</p> <p>Respiratory Protection:</p> <p>Eye Protection:</p> <p>Protective Clothing/Equipment:</p> <p>Work and Hygienic Practices:</p>	<p>Normal to maintain exposure below TLV</p> <p>10mg/cubic meter for particulate mist; 50 ppm (125 mg/cubic meter) ceiling limit for Ethylene Glycol (ACGIH 1984-1985)</p> <p>Supplied air respiratory protection for cleaning large spills or upon entry into tanks, vessels, or other confined spaces. Use a NIOSH approved organic vapor and gas respirator with mist filter.</p> <p>Chemical type goggles or face shield optional.</p> <p>Wear chemically protective gloves, boots, aprons, and gauntlets to prevent prolonged or repeated skin contact. Wear protective eyeglasses or chemical safety goggles.</p> <p>Exposed employees should exercise reasonable personal cleanliness; this includes cleansing exposed skin areas several times daily with soap and water, and laundering or dry cleaning soiled work clothing at least weekly.</p>
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Safety Stations:	Make emergency eyewash stations, safety/quick-drench showers, and washing facilities available in work area.
Contaminated Equipment:	Separate contaminated work clothes from street clothes. Launder before reuse. Remove this material from your shoes and clean personal protective equipment.
Comments:	Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance and odor:	Clear liquid with a mild odor (may contain dye in one of several colors).
Boiling Point (760 mm Hg):	325°F
Freezing/Melting Point:	-34°F
Specific Gravity (water =1):	1.110-1.125
Vapor Density (air =1):	1.8
Percent Volatile by Volume:	NIL
Evaporation Rate (butyl acetate =1):	Not determined
Solubility in Water (% by wt):	100%
Vapor Pressure (at 20°C):	18mm Hg.
pH:	10-11
Viscosity SUS @ 100°F	Less than 20cst

SECTION 10 – STABILITY AND REACTIVITY

Stability:	Stable
Polymerization:	Does not occur
Chemical Incompatibilities:	Normally unreactive, but try to avoid strong oxidizers, strong acids and strong bases at high temperatures.
Conditions to Avoid:	High temperatures above 413°C (775°F) (product can decompose)
Hazardous decomposition products:	Carbon dioxide, carbon monoxide

SECTION 11 – TOXICOLOGICAL INFORMATION

Eye Effects:	Believed to cause slight eye irritation.
Skin Effects:	Can be irritating to skin upon prolonged contact
Acute Inhalation Effects:	Drowsiness, narcosis, and unconsciousness possible upon exposure to high concentrations in poorly ventilated confined spaces.
Acute Oral Effects:	Can cause irritation to mouth, throat and stomach
Chronic Effects:	Liver and kidney damage in a 2 year rat feeding study using 1-2% Ethylene Glycol. Oral administration of very high doses of Ethylene Glycol produced birth defects in laboratory animals.
Carcinogenicity:	Neither product nor its ingredients are listed by IARC, NTD or OSHA
Mutagenicity:	Not mutagenic
Teratogenicity:	Not Teratogenic

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity:	Oral: Believed to be 4.7-8.5 g/kg (rat); moderately toxic Inhalation: Not determined. Dermal: Believed to be 1-3 g/kg (rabbit); slightly toxic Other: Not determined. Irritation Index/Estimation of Irritation (Species) Skin: Believed to be 0.5-1.8/8.0 (rabbit); slightly irritating Eyes: Believed to be 15-25/110 (rabbit); slightly irritating
Soil Absorption/Mobility:	Not determined

SECTION 13 – DISPOSAL CONSIDERATIONS

Waste Disposal Method: Dispose of waste in accordance with Federal, State and Local laws.
Disposal Regulatory Requirements: Under RCRA, it is the responsibility of the user of products to determine, at the time of disposal, whether product meets RCRA criteria for hazardous waste. This is because product uses transformations, mixture, processes, etc., may render the resulting material hazardous (see waste classification)
Container Cleaning and Disposal: Containers should be cleaned of residual product before disposal, and disposed of in accordance with all applicable laws and regulations.

SECTION 14 – TRANSPORT INFORMATION

DOT Proper Shipping Name: Not regulated unless shipping container holds at least 5,000 lbs (~535 gal.).
Shipping Symbols: Not applicable
Hazard Class: Not applicable
UN Number: Not regulated unless shipping container holds at least 5,000 lbs (~535 gal.).
Packing Group: Not applicable
Label: Not applicable
Special Provisions (172.102): Not applicable

Bulk Shipments
DOT Proper Shipping Name: Environmentally hazardous substance, liquid, n.o.s. (Ethylene glycol)
UN Number: UN 3082
Label Requirement: Class 9, UN 3082

SECTION 15 – REGULATORY INFORMATION

EPA Regulations
RCRA Hazardous Waste Number and RCRA Hazardous Waste Classification: Unused product is not classified as a hazardous waste by RCRA criteria

CERCLA Hazardous Substance and CERCLA Reportable Quantity: Does not contain any ingredients listed as a CERCLA hazardous substance.

SARA Toxic Chemical and SARA EHS: Contains following substance which is listed in Title III: Ethylene Glycol.
SARA 313 Information:
SARA Hazard Category: An immediate health hazard A delayed health hazard

OSHA Regulations:

State Regulations
Other: All components listed on both TSCA (USA) and DSL (Canada) inventory.

CANADIAN WHMIS CLASSIFICATION: Class D, Division 2, Subdivision B (A toxic material causing other chronic effects)

SECTION 16 – OTHER INFORMATION

Prepared By: Additive Technologies, technical department

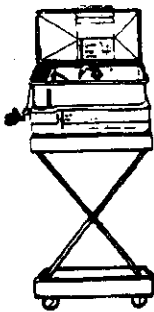
Additional Hazard Rating Systems: None

Disclaimer: THE INFORMATION GIVEN HEREIN IS GIVEN IN GOOD FAITH AND FROM SOURCES WE BELIEVE RELIABLE. BUT NO WARRANTY, EXPRESS OR IMPLIED, REGARDING ITS CORRECTNESS IS MADE.

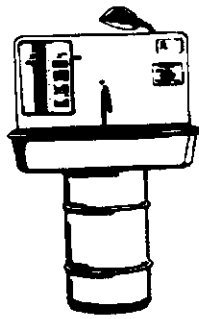
The conditions or methods of handling, storage, use and disposal of this product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of this product.

This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not apply.

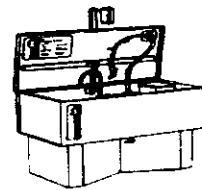
CONSULT Company listed in Section 1. FOR FURTHER INFORMATION.



Model 14 & 60



Model 16 & 30



*Model 34 & 44, COMS, and
other*

Material Safety Data Sheet

Safety-Kleen 105 Solvent

Part Number 6617

Dear Safety-Kleen Customer,

At Safety-Kleen Corp., supplying material safety data sheets is more than a requirement to us; it is a commitment to our customers and their employees.

The material safety data sheet is a valuable source of product information and should be a part of your hazard communication program. With this in mind, we are providing you, our valued customer, this important product information.

Thank you for showing your concern for the environment by choosing Safety-Kleen Corp. products and services.

Sincerely,

Your friends at Safety-Kleen Corp.



SAFETY-KLEEN 105 SOLVENT
MATERIAL SAFETY DATA SHEET FOR U.S.A. AND CANADA

SECTION 1 -- PRODUCT AND PREPARATION INFORMATION

PRODUCT INFORMATION

IDENTITY (TRADE NAME): SAFETY-KLEEN 105 SOLVENT
SYNONYMS: Mineral Spirits, Stoddard Solvent, Petroleum distillates, Petroleum naphtha
SK PART NUMBER(S): 6617
FAMILY/CHEMICAL NAME: Aliphatic hydrocarbon
PRODUCT USE: Cleaning and degreasing metal parts.
 If this product is used in combination with other chemicals,
 refer to the Material Safety Data Sheets for those chemicals.

24-HOUR EMERGENCY TELEPHONE

These numbers are for emergency use only. If you desire non-emergency information about this product, please call a telephone number listed below.

MEDICAL:

1-800-752-7869 (U.S.A.)
1-312-942-5969 (CANADA)
 RUSH POISON CONTROL CENTER
 CHICAGO, ILLINOIS, U.S.A.

TRANSPORTATION:

1-708-888-4660 (U.S.A.)
 SAFETY-KLEEN ENVIRONMENT,
 HEALTH AND SAFETY DEPARTMENT
1-613-996-6666 (CANADA)
 CANUTEC

MANUFACTURER/SUPPLIER: Safety-Kleen Corp. - 777 Big Timber Road - Elgin, IL, U.S.A. 60123
 Telephone number: 1-800-669-5840
 Safety-Kleen Canada Inc. - 3090 Blvd. Le Carrefour - Suite 300 - Chomedey Laval
 Quebec, Canada H7T 2J7 Telephone number: 1-800-363-2260

PREPARATION INFORMATION

MSDS FORM NO.: 82310 **REVISION DATE:** January 15, 1992
ORIGINAL ISSUE DATE: July 20, 1989 **SUPERSEDES:** December 14, 1990
PREPARED BY: Product MSDS Coordinator **APPROVED BY:** MSDS Task Force
TELEPHONE NUMBER: For Product Technical Information Call 1-312-694-2700 (U.S.A.);
 1-800-363-2260 (Canada)

SECTION 2 -- HAZARDOUS COMPONENTS

NAME	SYNONYM	CAS NO.	WT%	OSHA PEL		ACGIH TLV		OTHER DATA	
				TWA (ppm)	STEL (ppm)	TWA (ppm)	STEL (ppm)	LD ^a	LC
Parts Washer Solvent (consists predominantly of C9-C13 saturated hydrocarbons)	Mineral Spirits	64741-41-9	85.0	100 ^c	N.Av.	100 ^c	N.Av.	>5000 ^c	>5500 ^{b,c} mg/m ³ /4 hours
C8 ⁺ Aromatics	N.Av.	mixture	12.0	N.Av.	N.Av.	N.Av.	N.Av.	N.Av.	N.Av.
*Xylene ^e	Dimethylbenzene	1330-20-7	1.0	100	150	100	150	4300	5000 ^b ppm/4 hours
*Ethylbenzene ^e	Phenylethane	100-41-4	0.5	100	125	100	125	3500	4000 ^d ppm/4 hours

SAFETY-KLEEN 105 SOLVENT

MATERIAL SAFETY DATA SHEET FOR U.S.A. AND CANADA

*Toluene	Methylbenzene	108-88-3	0.5	100	150	100	150	5000	4000 ^d ppm/4 hours
*1,1,1-trichloroethane	Methyl chloroform	71-55-6	0-0.5**	350	450	350	450	10300	18000 ^b ppm/4 hours
*Perchloroethylene	Tetrachloroethylene	127-18-4	0-0.5**	25	N.Av.	50	200	2629	34200 ^b mg/m ³ /8 hours

N.Av. = Not Available

*See Section 9-Other Regulatory Information

**Even though the concentration range does not fall under the ranges prescribed by WHMIS, this is the actual range which varies with each batch of the product.

^aOral-Rat LD50 (mg/kg)

^bInhalation-Rat LC50

^cFor Stoddard Solvent

^dInhalation-Rat LCLo

^eConstituent of C8⁺ Aromatics

SECTION 3 -- EMERGENCY AND FIRST AID PROCEDURES

- EYES:** For direct contact, flush eyes with water for 15 minutes lifting upper and lower lids occasionally. If irritation or redness from exposure to vapor or mist develops, move victim away from exposure into fresh air. Consult physician if irritation or pain persists.
- SKIN:** Remove contaminated clothing and shoes. Wash skin twice with soap and water. Consult physician if irritation or pain persists.
- INHALATION:**
(Breathing) Remove to fresh air immediately. Use oxygen if there is difficulty breathing or artificial respiration if breathing has stopped. Do not leave victim unattended. Seek immediate medical attention if necessary.
- INGESTION:**
(Swallowing) Seek immediate medical attention. Do NOT induce vomiting. If spontaneous vomiting occurs, keep head below hips to avoid aspiration (into lungs).
- SPECIAL NOTE TO PHYSICIAN:** Treat symptomatically and supportively. Administration of gastric lavage, if warranted, should be performed by qualified medical personnel. Contact Rush Poison Control Center (see Section 1) for additional medical information.

SECTION 4 -- HEALTH HAZARD DATA AND TOXICOLOGICAL PROPERTIES

- PRIMARY ROUTES OF EXPOSURE:** Eye and skin contact; inhalation, ingestion.
- EXPOSURE LIMITS:** See Section 2.
- SIGNS AND SYMPTOMS OF EXPOSURE**
- ACUTE:**
- Eyes:** Contact with liquid or exposure to vapor may cause mild to moderate irritation with stinging, tearing or redness.
 - Skin:** Contact tends to remove skin oils, possibly leading to irritation and dermatitis. No significant skin absorption hazard.
 - Inhalation (Breathing):** High concentrations of vapor or mist may be irritating to the respiratory tract; may cause nausea; may cause headaches, dizziness, impaired coordination, anesthesia and other central nervous system effects.
 - Ingestion (Swallowing):** Low order of acute oral toxicity. May cause irritation of the throat, nausea, vomiting, myocardial injury with arrhythmias and symptoms of central nervous system depression as listed for ACUTE Inhalation. Aspiration into the lungs during ingestion or vomiting may cause mild to severe pulmonary injury and possibly death.
- CHRONIC:** Prolonged or repeated skin contact may cause drying and cracking or dermatitis.

SAFETY-KLEEN 105 SOLVENT

MATERIAL SAFETY DATA SHEET FOR U.S.A. AND CANADA

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:

Individuals with pre-existing lung, cardiac, central nervous system or skin disorders may have increased susceptibility to the effects of exposure.

CARCINOGENICITY:

IARC classifies chemicals by their carcinogenic risk, including agents that are known, probable or possible carcinogens. NTP classifies chemicals as either known carcinogens or for which there is a limited evidence of carcinogenicity in humans or sufficient evidence of carcinogenicity in experimental animals.

Perchloroethylene is listed by IARC as a possible carcinogen. Perchloroethylene is classified by NTP as having limited evidence of carcinogenicity in humans or sufficient evidence of carcinogenicity in experimental animals.

Also see Section 9.

OTHER POTENTIAL HEALTH HAZARDS:

The following information is required by Canadian WHMIS regulations. Irritancy is covered in Signs and Symptoms of Exposure in Section 4. There is no known human sensitization or toxicologically synergistic product associated with this material. Xylene and toluene have demonstrated experimental effects for reproductive toxicity, mutagenicity and teratogenicity. Studies indicate ethylbenzene and 1,1,1-trichloroethane are experimental teratogens.

SECTION 5 -- FIRE AND EXPLOSION HAZARD DATA

EMERGENCY RESPONSE GUIDE NUMBER:

27
Reference Emergency Response Guidebook (DOT 5800.5)

FIRE AND EXPLOSION HAZARDS:

Vapor explosion hazard may occur indoors, outdoors or in sewers. Decomposition and combustion products may be toxic. Heated containers may rupture, explode or be thrown into the air. Vapors are heavier than air and may travel great distances to ignition source and flash back. Not sensitive to mechanical impact. Material may be sensitive to static discharge, which could result in fire or explosion.

FIRE FIGHTING PROCEDURES:

NFPA 704 Rating 0-2-0 (Health-Fire-Reactivity)
Keep storage containers cool with water spray. Positive pressure self-contained breathing apparatus (SCBA) and structural firefighters' protective clothing will provide limited protection.

EXTINGUISHING MEDIA:

Carbon dioxide, foam, dry chemical or water spray.

CONDITIONS OF FLAMMABILITY:

Heat, sparks or flame.

FLASH POINT:

105°F (40°C) SETA

AUTOIGNITION TEMPERATURE:

473°F (245°C)

FLAMMABLE LIMITS IN AIR:

LOWER: 0.7 Vol. % **UPPER:** 6.0 Vol. %

HAZARDOUS COMBUSTION PRODUCTS:

Burning may produce carbon monoxide.

SECTION 6 -- REACTIVITY DATA

STABILITY:

Stable under normal temperatures and pressures, and not reactive with water.

INCOMPATIBILITY (MATERIALS AND CONDITIONS TO AVOID):

Acids, oxidizing agents or chlorine may cause a violent reaction. Avoid heat, sparks or flame.

HAZARDOUS POLYMERIZATION:

Not known to occur under normal temperatures and pressures.

SAFETY-KLEEN 105 SOLVENT
MATERIAL SAFETY DATA SHEET FOR U.S.A. AND CANADA

HAZARDOUS DECOMPOSITION PRODUCTS:

None under normal temperatures and pressures.

SECTION 7 -- PREVENTIVE MEASURES

PRECAUTIONS FOR SAFE USE AND HANDLING

HANDLING PRECAUTIONS: Keep away from heat, sparks or flame. Metal containers, including tank cars and trucks, should be grounded and bonded when material is transferred. Avoid contact with eyes, skin, clothing or shoes. Use in well ventilated area and avoid breathing vapor or mist.

PERSONAL HYGIENE: Use good personal hygiene. Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco products. Clean contaminated clothing, shoes and protective equipment before reuse. Discard contaminated clothing, shoes or protective equipment if they cannot be thoroughly cleaned.

SHIPPING AND STORING PRECAUTIONS: Keep container tightly closed when not in use and during transport. Do not pressurize, cut, heat, weld, grind or expose containers to flame or other sources of ignition. Empty product containers may contain product residue. See Section 9 for Packing Group information.

SPILL PROCEDURES: Remove all ignition sources. Stop leak if you can do it without risk. Wear protective equipment specified in Section 7, CONTROL MEASURES. Ventilate area and avoid breathing vapor or mist. Water spray may reduce vapor; but it may not prevent ignition in closed spaces. For large spills, isolate area and deny entry; dike far ahead of liquid spill for later disposal. Contain away from surface waters and sewers. If possible, contain as a liquid for possible re-refining or sorb with compatible sorbent material and shovel with a non-sparking tool into closable container for disposal. See Emergency Response Guidebook (DOT P 5800.5) Guide Number 27 for more information.

WASTE DISPOSAL METHODS: Dispose in accordance with federal, state, provincial and local regulations. Contact Safety-Kleen regarding recycling or proper disposal.

CONTROL MEASURES

EYE PROTECTION: Where there is likelihood of eye contact, wear chemical goggles and faceshield. Do NOT wear contact lenses.

PROTECTIVE GLOVES: Use Nitrile, Viton[®] or equivalent gloves to prevent contact with skin. Do NOT use Butyl rubber, natural rubber or equivalent gloves.

RESPIRATORY PROTECTION: Use NIOSH/MSHA-approved respiratory protective equipment when concentration of vapor or mist exceeds applicable exposure limit. A self-contained breathing apparatus (SCBA) and full protective equipment is required for large spills or fire emergencies. Selection and use of respiratory protective equipment should be in accordance in the U.S.A. with OSHA General Industry Standard 29 CFR 1910.134 and in Canada with CSA Standard Z94.4-M1982.

ENGINEERING CONTROLS: Provide process enclosure or local ventilation needed to maintain concentration of vapor or mist below applicable exposure limits. Where explosive mixtures may be present, systems safe for such locations should be used.

OTHER PROTECTIVE EQUIPMENT: Where spills and splashes are possible, wear appropriate solvent-resistant boots, apron or other protective clothing. Clean water should be available in work areas for flushing the eyes and skin.

SECTION 8 -- PHYSICAL DATA

PHYSICAL STATE, APPEARANCE AND ODOR:

Liquid, clear, green with characteristic hydrocarbon odor

ODOR THRESHOLD:

Not available

SAFETY-KLEEN 105 SOLVENT
MATERIAL SAFETY DATA SHEET FOR U.S.A. AND CANADA

SPECIFIC GRAVITY: 0.77 to 0.80 at 60/60°F (16/16°C) (water = 1)
DENSITY: 6.4 to 6.7 lbs/gal
VAPOR DENSITY: 4.9 (air = 1)
VAPOR PRESSURE: 2 mm Hg at 68°F (20°C)
BOILING POINT: 304 to 435°F (151 to 224°C)
FREEZING POINT: Not available
pH: 7 (water extraction)
**VOLATILE ORGANIC COMPOUNDS:
(US EPA DEFINITION)** 100 WT%; 6.4 to 6.7 lbs/gal; 770 to 800 g/l
EVAPORATION RATE: 0.1 (butyl acetate = 1)
SOLUBILITY IN WATER: Slight
**COEFFICIENT OF WATER/OIL
DISTRIBUTION:** Not available
MOLECULAR WEIGHT: 142 (approximately)

SECTION 9 -- OTHER REGULATORY INFORMATION

TRANSPORTATION INFORMATION

DOT PROPER SHIPPING NAME: COMBUSTIBLE LIQUID, N.O.S. (Mineral Spirits)
DOT CLASS: Combustible Liquid
DOT ID NUMBER: NA1993, PGIII
TDG CLASSIFICATION: Naphtha, solvent, Class 3.3, UN1256, P.G. III

SARA TITLE III: Product contains toxic chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372. Toxic constituents are listed with an asterisk in Section 2 of this Material Safety Data Sheet.

Product poses the following physical and health hazards as defined in 40 CFR 370.3 (Sections 311, 312 of SARA Title III):

Immediate (Acute) Health Hazard
Delayed (Chronic) Health Hazard
Fire Hazard

WHMIS CLASSIFICATION: Class B3, Combustible Liquids;
Class D2A, Infectious and Toxic Materials, Other Toxic Effects, Very Toxic Material;
Class D2B, Infectious and Toxic Materials, Other Toxic Effects, Toxic Material

User assumes all risks incident to the use of this product. To the best of our knowledge, the information contained herein is accurate. However, Safety-Kleen assumes no liability whatsoever for the accuracy or completeness of the information contained herein. No representations or warranties, either expressed or implied, or merchantability, fitness for a particular purpose or of any other nature are made hereunder with respect to information or the product to which information refers. The data contained on this sheet apply to the material as supplied to the user.

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Revision 1/92; Form No. 82310





Model 110 & 5 gal bucket

Material Safety Data Sheet

Immersion Cleaner and Cold Parts Cleaner

Part Numbers 699, 6861, 9699

Dear Safety-Kleen Customer,

At Safety-Kleen Corp., supplying material safety data sheets is more than a requirement to us; it is a commitment to our customers and their employees.

The material safety data sheet is a valuable source of product information and should be a part of your hazard communication program. With this in mind, we are providing you, our valued customer, this important product information.

Thank you for showing your concern for the environment by choosing Safety-Kleen Corp. products and services.

Sincerely,

Your friends at Safety-Kleen Corp.



IMMERSION CLEANER AND COLD PARTS CLEANER
MATERIAL SAFETY DATA SHEET FOR U.S.A. AND CANADA

SECTION 1 -- PRODUCT AND PREPARATION INFORMATION

PRODUCT INFORMATION

IDENTITY (TRADE NAME): IMMERSION CLEANER AND COLD PARTS CLEANER
SYNONYMS: None
SK PART NUMBER(S): 699, 6861, 9699
FAMILY/CHEMICAL NAME: None
PRODUCT USE: For cleaning carburetors and metal parts.
 If this product is used in combination with other chemicals,
 refer to the Material Safety Data Sheets for those chemicals.

24-HOUR EMERGENCY TELEPHONE

These numbers are for emergency use only. If you desire non-emergency information about this product, please call a telephone number listed below.

MEDICAL:

1-800-752-7869 (U.S.A.)
1-312-942-5969 (CANADA)
 RUSH POISON CONTROL CENTER
 CHICAGO, ILLINOIS, U.S.A.

TRANSPORTATION:

1-708-888-4660 (U.S.A.)
 SAFETY-KLEEN ENVIRONMENT,
 HEALTH AND SAFETY DEPARTMENT
1-613-996-6666 (CANADA)
 CANUTEC

MANUFACTURER/SUPPLIER:

Safety-Kleen Corp. - 777 Big Timber Road - Elgin, IL, U.S.A. 60123
 Telephone number: 1-800-669-5840
 Safety-Kleen Canada Inc. - 3090 Blvd. Le Carrefour - Suite 300 - Chomedey Laval
 Quebec, Canada H7T 2J7 Telephone number: 1-800-363-2260

PREPARATION INFORMATION

MSDS FORM NO.: 82411 **REVISION DATE:** March 18, 1992
ORIGINAL ISSUE DATE: December 1, 1989 **SUPERSEDES:** July 13, 1990
PREPARED BY: Product MSDS Coordinator **APPROVED BY:** MSDS Task Force
TELEPHONE NUMBER: For Product Technical Information Call 1-312-694-2700 (U.S.A.);
 1-800-363-2260 (Canada)

SECTION 2 -- HAZARDOUS COMPONENTS

NAME	SYNONYM	CAS NO.	WT%	OSHA PEL		ACGIH TLV		OTHER DATA	
				TWA	STEL	TWA	STEL	LD ^a	LC
Aromatic 150 ^c	Heavy aromatic solvent naphtha	64742-94-5	30-60	N.Av.	N.Av.	N.Av.	N.Av.	> 5000 Exxon recommended	N.Av.
N-Methyl-2-pyrrolidone	1-Methyl-2-pyrrolidinone	872-50-4	10-30	N.Av.	N.Av.	N.Av.	N.Av.	3914	N.Av.
Dipropylene glycol monomethyl ether	(2-methoxymethyl ethoxy)-propanol	34590-94-8	7-13	100 ppm (skin)	150 ppm (skin)	100 ppm (skin)	150 ppm (skin)	5135	N.Av.
Oleic acid	Red Oil	112-80-1	5-10	5 ^e mg/m ³	N.Av.	10 ^d mg/m ³	N.Av.	74000	N.Av.
Monoethanolamine	2-Amino-ethanol	141-43-5	3-7	3 ppm	6 ppm	3 ppm	6 ppm	1720	N.Av.

IMMERSION CLEANER AND COLD PARTS CLEANER

MATERIAL SAFETY DATA SHEET FOR U.S.A. AND CANADA

*Naphthalene ^h	Naphthalin	91-20-3	0-6**	10 ppm	15 ppm	10 ppm	15 ppm	490	N.Av.
*1,4-Dichlorobenzene	Dichlorobenzene, para-	106-46-7	0-0.4**	75 ppm	110 ppm	75 ppm	110 ppm	500	N.Av.
*Methylene chloride	Dichloromethane	75-09-2	0-0.3**	500 ppm	N.Av.	50 ppm	N.Av.	1600	88000 ^b mg/m ³ /30 minutes
*Perchloroethylene	Tetrachloroethylene	127-18-4	0-0.5**	25 ppm	N.Av.	50 ppm	200 ppm	2629	34200 ^b mg/m ³ /8 hours

N.Ap. = Not Applicable

N.Av. = Not Available

*See Section 9-Other Regulatory Information

**Even though the concentration range does not fall under the ranges prescribed by WHMIS, this is the actual range which varies with each batch of the product.

^aOral-Rat LD50 (mg/kg)

^bInhalation-Rat LC50

^cExxon recommended 8hr workday exposure: 100 ppm

^dVegetable oil mists

^eRespirable fraction

^fInhalation-Rat LCLo

^gMonsanto MSDS

^hConstituent of Aromatic 150

SECTION 3 -- EMERGENCY AND FIRST AID PROCEDURES

EYES:	For direct contact, flush eyes with water for 15 minutes lifting upper and lower lids occasionally. If irritation or redness from exposure to vapor or mist develops, move victim away from exposure into fresh air. Consult physician if irritation or pain persists.
SKIN:	Remove contaminated clothing and shoes. Wash skin twice with soap and water. Consult physician if irritation or pain persists.
INHALATION: (Breathing)	Remove to fresh air immediately. Use oxygen if there is difficulty breathing or artificial respiration if breathing has stopped. Do not leave victim unattended. Seek immediate medical attention if necessary.
INGESTION: (Swallowing)	Seek immediate medical attention. Do NOT induce vomiting. If spontaneous vomiting occurs, keep head below hips to avoid aspiration (into lungs).
SPECIAL NOTE TO PHYSICIAN:	Treat symptomatically and supportively. Administration of gastric lavage, if warranted, should be performed by qualified medical personnel. Contact Rush Poison Control Center (Section 1) for additional medical information.

SECTION 4 -- HEALTH HAZARD DATA AND TOXICOLOGICAL PROPERTIES

PRIMARY ROUTES OF EXPOSURE: Eye and skin contact; inhalation, ingestion.

EXPOSURE LIMITS: See Section 2.

SIGNS AND SYMPTOMS OF EXPOSURE

ACUTE: Eyes: Contact with liquid or exposure to vapor may cause irritation, tearing and burns.

Skin: Contact removes skin oils, possibly leading to irritation and dermatitis. Dipropylene glycol monomethyl ether is a skin absorption hazard.

Inhalation (Breathing): High concentrations of vapor or mist may be irritating to the respiratory tract, may cause nausea and vomiting, may cause dizziness, impaired coordination, anesthesia and other central nervous system effects or in more severe cases inebriation or unconsciousness. When in contact with mucous membranes, liquid aromatic hydrocarbons may cause vasodilation and chemical pneumonitis with pulmonary edema, hemorrhaging, and tissue necrosis. Naphthalene poisoning may affect eyes.

IMMERSION CLEANER AND COLD PARTS CLEANER

MATERIAL SAFETY DATA SHEET FOR U.S.A. AND CANADA

Ingestion (Swallowing): Harmful or fatal if swallowed. May cause irritation of the throat, nausea, vomiting, abdominal pain, symptoms of central nervous system depression and myocardial injury. Monoethanolamine may cause mucosal burns of the mouth and esophagus. Aspiration into the lungs during ingestion or vomiting may cause mild to severe pulmonary injury and possibly death.

CHRONIC: Prolonged or repeated eye contact may cause tissue injury or skin contact may cause drying and cracking or dermatitis. Repeated or prolonged exposure to monoethanolamine may cause inflammatory and ulcerative changes in the mouth and possibly bronchial and gastrointestinal disturbances. Cataracts and corneal ulcerations have been reported in humans following repeated or prolonged exposure to naphthalene.

MEDICAL CONDITIONS

AGGRAVATED BY EXPOSURE:

Individuals with pre-existing liver, kidney, respiratory, central nervous system or skin disorders may have increased susceptibility to the effects of exposure.

CARCINOGENICITY:

IARC classifies chemicals by their carcinogenic risk, including agents that are known, probable or possible carcinogens. NTP classifies chemicals as either known carcinogens or for which there is a limited evidence of carcinogenicity in humans or sufficient evidence of carcinogenicity in experimental animals. ACGIH recognizes two categories of carcinogens, confirmed or suspected human carcinogens.

Methylene chloride, perchloroethylene and 1,4-dichlorobenzene are listed by IARC as possible carcinogens. Methylene chloride, perchloroethylene and 1,4-dichlorobenzene are classified by NTP as having limited evidence of carcinogenicity in humans or sufficient evidence of carcinogenicity in experimental animals. Methylene chloride is recognized by ACGIH as a suspected human carcinogen.

Also see Section 9.

OTHER POTENTIAL HEALTH HAZARDS:

The following information is required by Canadian WHMIS regulations. Irritancy is covered in Signs and Symptoms of Exposure in Section 4. There is no known human sensitization, toxicologically synergistic product or teratogenicity associated with this material. N-methyl-2-pyrrolidone and methylene chloride have demonstrated experimental effects for reproductive toxicity and mutagenicity.

SECTION 5 -- FIRE AND EXPLOSION HAZARD DATA

EMERGENCY RESPONSE GUIDE NUMBER:

60
Reference Emergency Response Guidebook (DOT 5800.5)

FIRE AND EXPLOSION HAZARDS:

Decomposition and combustion products may be toxic. Heated containers may rupture, explode or be thrown into the air. Vapors are heavier than air and may travel great distances to ignition source and flash back. Not sensitive to mechanical impact. Material may be sensitive to static discharge, which could result in fire or explosion.

FIRE FIGHTING PROCEDURES:

NFPA 704 Rating 2-2-0 (Health-Fire-Reactivity)
Keep storage containers cool with water spray. Positive pressure self-contained breathing apparatus (SCBA) and structural firefighters' protective clothing will provide limited protection.

EXTINGUISHING MEDIA:

Carbon dioxide, regular foam, dry chemical, water spray.

CONDITIONS OF FLAMMABILITY:

Heat, sparks or flame.

FLASH POINT:

150°F (65°C) (approximately) Tag Closed Cup

AUTOIGNITION TEMPERATURE:

Not available.

FLAMMABLE LIMITS IN AIR:

LOWER: 0.8 Vol. % **UPPER:** 7.0 Vol. %

IMMERSION CLEANER AND COLD PARTS CLEANER
MATERIAL SAFETY DATA SHEET FOR U.S.A. AND CANADA

Product poses the following physical and health hazards as defined in 40 CFR 370.3 (Sections 311, 312 of SARA Title III):

Immediate (Acute) Health Hazard
Delayed (Chronic) Health Hazard
Fire Hazard

WHMIS CLASSIFICATION:

Class B3, Combustible Liquids;
Class D2A, Infectious and Toxic Materials, Other Toxic Effects, Very Toxic Material;
Class D2B, Infectious and Toxic Materials, Other Toxic Effects, Toxic Material

CALIFORNIA:

This product contains detectable amounts of benzene CAS No. 71-43-2, 1,4-dichlorobenzene CAS No. 106-46-7, methylene chloride CAS No. 75-09-2, perchloroethylene CAS No. 127-18-4 and trichloroethylene CAS No. 79-01-6. These materials are listed by the State of California as known carcinogens.

User assumes all risks incident to the use of this product. To the best of our knowledge, the information contained herein is accurate. However, Safety-Kleen assumes no liability whatsoever for the accuracy or completeness of the information contained herein. No representations or warranties, either expressed or implied, or merchantability, fitness for a particular purpose or of any other nature are made hereunder with respect to information or the product to which information refers. The data contained on this sheet apply to the material as supplied to the user.



Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

U.S. Department of Labor
Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072



IDENTITY (As Used on Label and List)
"B' LASTER" PENETRATING CATALYST

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

Section I

Manufacturer's Name WILLIAM K. WESTLEY COMPANY	Emergency Telephone Number 216-587-0011 (1-800-858-6605)
Address (Number, Street, City, State, and ZIP Code) 9545 MIDWEST AVENUE SUITE #D	Telephone Number for Information 587-0011 (1-800-858-6605)
GARFIELD HTS., OHIO 44125	Date Prepared REV. 10-22-91
	Signature of Preparer (optional)

Section II - Hazardous Ingredients/Identity Information

Hazardous Component (Specific Chemical Identity, Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (approx)
BUTYL CELLOSOLVE CAS 111-762	50PPM	25PPM		1.1%
GLYCOL ETHER				
TERGITOL CAS 68131-40-8		NA		1.1%
ALKYLOXPOLY ETHYLENE				
OXYETHANOL				
ISOPROPYL ALCOHOL CAS 67-63-0	400PPM	400PPM		3.18%

CURTIS NAME ON LABEL:
B' LASTER
 Product Manufactured Exclusively
 for CURTIS INDUSTRIES, INC.
 CURTIS Part No. **37015-37014-37016**
 CURTIS Form No. **75931**

Section III - Physical/Chemical Characteristics

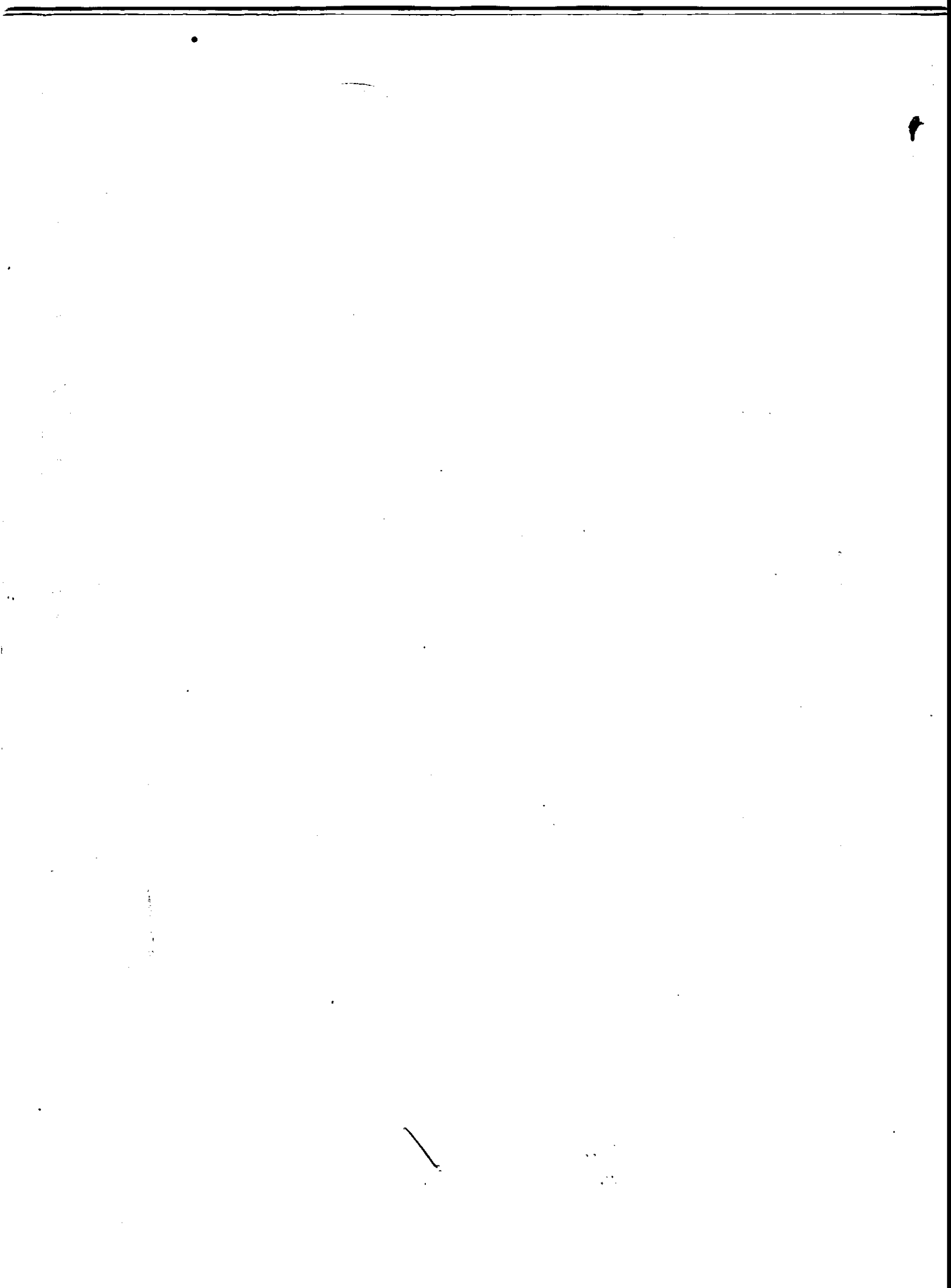
Boiling Point	440°	Specific Gravity (H ₂ O = 1)	0.910
Vapor Pressure (mm Hg.)	0.06	Melting Point	NA
Vapor Density (AIR = 1)	3.4	Evaporation Rate Butyl Acetate = 1	BUTYL ACETATE .04%
Solubility in Water	35% EMULSIVE		
Appearance and Odor	ORANGE CLEAR COLOR	ODOR; PUNGENT	PH 6.5

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) OPEN CUP---125° F.	Flammable Limits NOT DETERMINED	LEL	UEL
Extinguishing Media (1) MECHANICAL FOAM (2) DRY CHEMICAL (3) WATER FOG (4) CO2			
Special Fire Fighting Procedures WEAR SELF-CONTAINED BREATHING APPARATUS			

Unusual Fire and Explosion Hazards

NONE



MATERIAL SAFETY DATA SHEET

I. PRODUCT IDENTIFICATION

Product Name: 35ML CURTIS MED/STR THREADLOCK
Item No.: 87394
Product Type: Anaerobic
Formula No.: Does not apply

II. COMPOSITION

Ingredients	CAS No.	Z
Polyglycol Dimethacrylate	25852-47-5	60
Polyglycol oleate	9004-96-0	25
SACCHARIN	81-07-2	3
CUMENE HYDROPEROXIDE*	80-15-9	1
METHYL ALCOHOL*	67-56-1	1
SILICA, AMORPHOUS TREATED	112945-52-5	1
N,N-Dialkyltoluidines	613-48-9	0.1
TITANIUM DIOXIDE	13463-67-7	0.1-0.5

* This component is listed as a SARA Section 313 Toxic Chemical.

III. CHEMICAL AND PHYSICAL PROPERTIES

Vapor Pressure: Less than 5mm at 80°F
Vapor Density: Not available
Solubility in Water: Slight
Specific Gravity: 1.1 at 75°F
Boiling Point: More than 300°F
Volatile Organic Compound (EPA Method 24): 13.3%; 146.3 g/l
Evaporation Rate (Ether = 1): Not available
pH: Does not apply
Appearance: Blue liquid
Odor: Mild

IV. FLAMMABILITY AND EXPLOSIVE PROPERTIES

Flash Point: More than 200°F Method: Tag Closed Cup
Estimated NFPA Code: 1
Health Hazard: 1
Fire Hazard: 1
Reactivity Hazard: 1
Specific Hazard: Does not apply
Estimated HMIS Code: 1
Health Hazard: 1
Flammability Hazard: 1
Reactivity Hazard: 1
Personal Protection: See Section X.
Explosive Limits: (% by volume in air) Lower Not available
(% by volume in air) Upper Not available
Recommended Extinguishing Agents: Carbon dioxide, foam, dry chemical
Hazardous Products Formed by Fire or Thermal Decomp: Irritating organic vapors
Unusual Fire or Explosion Hazards: None
Compressed Gases: None
Pressure at Room Temp.: Does not apply

V. SPILL OR LEAK AND DISPOSAL PROCEDURES

Steps to be taken in case of spill or leak: Soak up in an inert absorbent. Store in a partly filled, closed container until disposal.
Recommended methods of disposal: Incinerate following EPA and local regulations.

VI. STORAGE AND HANDLING PROCEDURES

Storage: Store below 110°F to preserve shelf life.
Handling: Avoid prolonged skin contact. Keep away from eyes.

VII. SHIPPING REGULATIONS

DOT (49 CFR 172)
Proper Shipping Name: Unrestricted
Hazard Class of Division: Unrestricted
Identification Number: None
IATA
Proper Shipping Name: Unrestricted

CURTIS NAME ON LABEL:
MED. STRENGTH THREADLOCKER
 Product Manufactured Exclusively
 for CURTIS INDUSTRIES, INC.
 CURTIS Part No.: 87393-87394
 CURTIS Form No.: 75207

CURTIS INDUSTRIES INC

EASTLAKE OH
TELEPHONE: (216) 951-2400

ISSUED 6/22/93
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MATERIAL SAFETY DATA SHEET

Page 3 of 3

Product Name: 35ML CURTIS MED/STR THREADLOCK
Item No.: 87394

XI. HEALTH HAZARD DATA

(continued)

LUN Lung	MUT Mutagen
NER Nervous System	REP Reproductive
RES Respiratory	SKI Skin
SOM Evidence of some carcinogenicity	TER Teratogenic

XII. PREPARATION INFORMATION

Prepared By:	Stephen Repetto
Title:	Research Chemist, Environmental Health & Safety
Company:	Loctite Corp., 705 N. Mt. Rd, Newington, CT 06111
(24hr.) Phone:	(203) 278-1280
Revision Date:	May 24, 1993

Revision: 0026

Material Safety Data Sheet

Trade Name: Premium (High) Vacuum Pump Oil
(13203, 13204)

Synonyms: Lubricating Oil Date: 12-21-94

CAS No.: 64741-88-4 PHONE NO. (For Info.)
(Refer to Section 1) (419) 485-5561
ROBINAIR INDEX NO: 113 Chemtrec Emergency: (800) 424-9300

Material Hazard Evaluation

(Per OSHA Hazard Communication
Standard [29 CFR Part 1910.1200]) (OHCS)

Health: Non-Hazardous (OHCS).

Precautionary Statement: None.

HMIS Rating¹: Health 0 Flammability 1 Reactivity 0

1.0 Generic Composition / Components

Components	CAS #	%	Hazard Data
Refined Petroleum Oil(s)	64741-88-4	100	Oral LD50(rat): > 15g/kg Eye: Practically Non-Irritating Skin: Practically Non-Irritating Thin LC50/4H(rat): >5,000 mg/m ³

¹ Hazard Rating: least - 0; slight - 1; moderate - 2; high - 3; extreme - 4
Robinair assignment based on our evaluation per NFPA and NPCA guidelines.

2.0 Physical Data

Physical Hazard Classification (Per 29 CFR Part 1910.1200)

No	Combustible	No	Flammable	No	Pyrophoric
No	Compressed Gas	No	Organic Peroxide	No	Reactivity
No	Explosive	No	Oxidizer	Yes	Stable

Boiling Point, 760 mmHg, °C(°F): ~373(~703)
 Specific Gravity (60/60°F) (H₂O = 1): 0.87
 Vapor Density (Air = 1): >1
 % Volatiles by Volume: Negligible
 Melting Point, °C(°F): NA
 Vapor Pressure, mmHg (25°C): ~4 × 10⁻⁵
 Solubility in H₂O, % by Weight: Negligible
 Evaporation Rate (Butyl Acetate = 1): <1
 pH of Undiluted Product: NA
 Appearance and Odor: Faint yellow or amber liquid, bland odor

3.0 Fire and Explosion Data

Flash Point, COC, °C(°F)	224(435)
Flash Point, PMC, °C(°F)	218(424)
Fire Point, COC, °C(°F)	252(485)
NFPA Rating ²	Health: 0 Flammability: 1 Reactivity: 0
Flammable Limits (% by volume in air)	Lower: NA Upper: NA
Extinguishing Media	CO ₂ , dry chemical, foam, water fog
Special Fire Fighting Procedure	None
Unusual Fire or Explosion Hazard	Water may cause frothing

4.0 Reactivity Data

Stability: Stable
Conditions Contributing to Instability: None
Incompatibility: Strong oxidants, strong acids, and caustics
Hazardous Decomposition Products: CO₂, CO
(thermal, unless otherwise specified)
Conditions Contributing to Hazardous Polymerization: None

² Hazard Rating: least – 0; slight – 1; moderate – 2; high – 3; extreme – 4
 Robinair assignment based on our evaluation per NFPA guidelines.

NA – Not Applicable

ND – No Data

NE – Not Established

5.0 Spill or Leak Procedures

Procedures if Material is Spilled:

- Remove sources of heat or ignition, provide adequate ventilation, contain leak.
- *Small Spills:* Absorb with suitable material such as rags, straw or sand.
- *Large Spills:* Contain spill in earthen dikes for later recovery.
- Report spills as required to appropriate authorities.

Waste Disposal:

- It is the responsibility of the user to determine if the material is a hazardous waste at the time of disposal.
- Check before disposing to be sure you are in compliance with all applicable laws and regulations.
- Chemtrec/RCRA Emergency Hotline Number: 800-424-9346.

Protective Measures During Repair and Maintenance of Contaminated Equipment:

- Refer to Section 7.0 — Special Protection Information.
- Avoid prolonged contact with used oil.
- Wash exposed skin thoroughly with soap and water.

6.0 Health Hazard Data

Health Hazard Classification

(Per 29 CFR Part 1910.1200)

No	Carcinogen	No	Corrosive
No	Animal Carcinogen	No	Irritant
No	Suspect Carcinogen	No	Sensitizer
No	Mutagen	No	Teratogen
No	Highly Toxic	No	Target Organ
No	Toxic		

Product listed as Carcinogen or Potential Carcinogen by:

NTP No IARC No OSHA No Other No

Toxicity Summary: Slightly toxic, 1 pint is approximate lethal oral dose for 150 lb. human adult.

Major Route(s) of Entry: Inhalation of incidental mists or vapors.

Acute Exposure Symptoms

<i>Inhalation:</i>	Low risk at ambient temperatures. In enclosed spaces or when hot, vapors may reach concentrations sufficient to cause drowsiness, dizziness, headache, nausea, or lung irritation. Mists above TLV may cause chemical pneumonitis.
<i>Dermal Contact:</i>	Transient, slight irritation.
<i>Eye Contact:</i>	Practically non-irritant.
<i>Ingestion:</i>	Low toxicity. Very large amounts may cause generalized depression, headache, drowsiness, nausea, vomiting or diarrhea. Small doses may produce irritation and diarrhea.

Chronic Exposure

Prolonged and/or frequent contact may cause drying, cracking (dermatitis) or folliculitis. Repeated, excessive exposure to mists or fumes may induce pulmonary irritation or chronic bronchitis.

Other Special Effects

None expected.

Medical Conditions Aggravated by Exposure

None.

First Aid and Emergency Procedures for Acute Effect

<i>Inhalation:</i>	Remove to fresh air. Respiratory support, if necessary. Seek medical aid.
<i>Dermal:</i>	Wash with soap and water. Do not wear heavily contaminated clothing before laundering.
<i>Eyes:</i>	Flush with large volumes of water. Seek physician if any complications arise.
<i>Ingestion:</i>	Do not induce vomiting. Seek medical aid.
<i>Injection:</i>	Subcutaneous injection is a medical emergency. Seek medical aid immediately.

Notes to Physician: Following ingestion at a viscosity of around 200 SUS (100°F), there may be a minimal risk of aspiration into the lungs. For quantities above a few drops, careful cuffed tube lavage may still be considered. Aspirated material may cause chemical pneumonitis or lipoid pneumonia. Subcutaneous or intramuscular injection requires prompt surgical debridement. If not familiar with technique, seek skilled advice.

7.0 Special Protection Information

Ventilation Requirements: Use in well ventilated area. In confined space, mechanical ventilation may be required to keep levels of certain components below mandated standards as evaluated by designated personnel.

Permitted Threshold Air Concentrations:

Mineral Oil Mist	TLV-TWA	5mg/m ³	OSHA-PEL	5mg/m ³
	TLV-STEL	10mg/m ³	OSHA-STEL	ND
	TLV-Ceiling	ND	OSHA-Ceiling	ND
			OSHA-Peak	ND

Specific Personal Protective Equipment:

Respiratory: Normally none required. If high vapor or mist concentrations expected, use respirator approved for organic vapors and mists.

Eyes: Safety goggles, or chemical splash goggles if splashing is anticipated.

Dermal: Oil impervious gloves if frequent or prolonged contact is expected.

Other Clothing or Equipment: Wear body-covering work clothes to avoid prolonged or repeated exposure. Launder soiled work clothes before reuse.

8.0 Transportation and Special Precautions

Storage: Do not apply high heat or flame to container. Keep separate from strong oxidizing agents.

Caution: Empty containers may contain product residue which could include flammable or explosive vapors.

Consult appropriate Federal State and Local authorities before reusing, reconditioning, reclaiming, recycling or disposing of empty containers and/or waste residues of this product.

DOT Information

Proper Shipping Name:	Petroleum Lubricating Oil
Hazard Class:	Non-Hazardous
Hazard Identification Number:	None assigned
Placard:	None

NA – Not Applicable

ND – No Data

NE – Not Established

Premium High Vacuum Pump Oil

Page 5 of 7

NA – Not Applicable

ND – No Data

NE – Not Established

Premium High Vacuum Pump Oil

Page 7 of 7

9.0 Environmental Data

Product Name

Premium High Vacuum Pump Oil
(13203, 13204)

MATERIAL SAFETY DATA SHEET

I. PRODUCT IDENTIFICATION

Product Name: 4GM CURTIS FC EPOXY 84936
Item No.: 84936
Product Type: Epoxy
Formula No.: Does not apply

II. COMPOSITION

Ingredients	CAS No.	%
RESIN		
EPOXY RESIN	25068-38-6	45-50
ALUMINUM OXIDE	1344-28-1	1-1.5
TITANIUM DIOXIDE	13463-67-7	1-1.5
SILICA, AMORPHOUS TREATED	112945-52-5	1-1.5
HARDENER		
ALUMINUM OXIDE	1344-28-1	45-50
Polymercaptan	101359-87-9	1-1.5
Substituted aminophenol	90-17-2	1-1.5
Aromatic plasticizer	64741-81-7	1-1.5
STYRENE MONOMER*	100-42-5	1-1.5
SILICA, AMORPHOUS TREATED	112945-52-5	1-1.5
ETHYLENE GLYCOL*	107-21-1	1-1.5

* This component is listed as a SARA Section 313 Toxic Chemical.

III. CHEMICAL AND PHYSICAL PROPERTIES

Vapor Pressure: Less than 5 mm at 80°F
Vapor Density: Not available
Solubility in Water: Slight
Specific Gravity: RESIN: = 1.68
HARDENER: = 1.40
Boiling Point: More than 300°F
Volatile Organic Compound (EPA Method 24): Not available
Evaporation Rate (Ether = 1): Not available
pH: Not Applicable
Appearance: RESIN: White Paste
Odor: Black Paste
RESIN: Mild
HARDENER: Disagreeable

IV. FLAMMABILITY AND EXPLOSIVE PROPERTIES

Flash Point: More than 200°F Method: Tag Closed Cup
Estimated NFPA Code: Health Hazard: HARDENER: 2
Fire Hazard: RESIN: 1
HARDENER: 1
Reactivity Hazard: RESIN: 1
HARDENER: 1
Specific Hazard: RESIN: 1
Does not apply
Estimated HMIS Code: Health Hazard: HARDENER: 2
Flammability Hazard: RESIN: 1
HARDENER: 1
Reactivity Hazard: RESIN: 1
HARDENER: 1
Personal Protection: RESIN: 1
See Section X.
Explosive Limits: (by volume in air) Lower 3.2% Ethylene glycol
(by volume in air) Upper 15.3% Ethylene glycol
Recommended Extinguishing Agents: Carbon dioxide, foam, dry chemical
Hazardous Products Formed by Fire or Thermal Decomp: Irritating organic vapor.

CURTIS NAME ON LABEL:
FAST CURE EPOXY
 Product Manufactured Exclusively
 for CURTIS INDUSTRIES, INC.
 CURTIS Part No.: 84936-84937
 CURTIS Form No.: 75171

MATERIAL SAFETY DATA SHEET



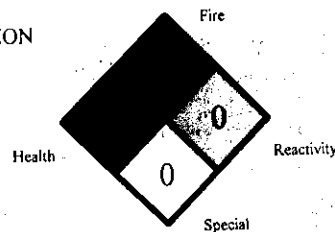
VISION
CHEMICAL SYSTEMS

SAFETY COLOR CODE:



NFPA 704 DESIGNATION
HAZARD RATING

4=Extreme
3=High
2=Moderate
1=Slight
0=Insignificant



ISSUE DATE: 03/09/98	SUPERSEDES: 10/10/97
VISION CHEMICAL SYSTEMS MSDS NUMBER: INU	

1. CHEMICAL PRODUCT'S COMMON IDENTIFICATION

PRODUCT IDENTIFIER:	INSIGHT II™ MSDS LISTED FOR CONCENTRATES - NOT END USE PRODUCT
GENERAL USE:	General purpose degreaser / cleaner.
INFORMATION PROVIDED BY:	VISION CHEMICAL SYSTEMS INC. Corporate Offices Phone 888-VCS-4-YOU Fax 888-2-FAX-VCS

2. COMPOSITIONS INFORMATION ON INGREDIENTS

COMPONENT	CAS #	% (BY WEIGHT)
TRISODIUM PHOSPHATE	10101-89-0	< 5

3. HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS:

EYE CONTACT: Contact may be painful and irritating, prolonged contact may cause eye damage.

SKIN CONTACT: Prolonged contact will cause irritation.

INGESTION: Ingestion of this product may cause a burning pain in the mouth, throat and stomach. Symptoms of exposure may include: nausea, vomiting, diarrhea and abdominal pain.

INHALATION: May irritate nose, throat, and chest.

CHRONIC: Inhalation and ingestion effects of this product have not been determined. No studies have been done to determine the corrosive/irritation effects of this product on living tissue. A prediction as to whether these effects will be exhibited by the product as a whole is dependent on an evaluation of the products use and extent and duration of exposure.

EYE CONTACT: In case of contact, immediately rinse eyes with a gentle stream of clean lukewarm water for at least 15 minutes, holding eyelids open. Remove contact lenses, if worn. Get medical attention.

SKIN CONTACT: Remove contaminated clothing and thoroughly rinse skin with plenty of water. Follow immediately with a thorough washing with soap and water. If irritation occurs and persists, seek medical attention. Launder clothes before reuse.

INGESTION: Aspiration hazard. If swallowed, DO NOT induce vomiting or give anything by mouth. This material can enter the lungs and cause severe lung damage if vomited. If victim is drowsy or unconscious, place on left side with head down. Seek medical attention immediately.

INHALATION: Remove to fresh air. If breathing difficulty or irritation develops seek medical attention. If person is not breathing, begin artificial respiration. If breathing is difficult, administer oxygen.

FLASHPOINT AND METHOD: This product is not flammable or combustible.

Flammable Limits (in air, % by volume): Lower: N/A Upper: N/A

Autoignition Temperature: N/A

GENERAL HAZARD: This product does not present any physical hazards as defined by OSHA hazards communications standard.

FIRE FIGHTING INSTRUCTIONS: EXTINGUISHING MEDIA: Use water spray, foam, dry chemical, CO₂.

Use water spray to cool containers exposed to fire. No explosion hazards identified.

FIRE FIGHTING EQUIPMENT: Fire fighters should wear full protective equipment, including self-contained breathing apparatus to protect against products of combustion (e.g. CO, CO₂, NO₂, COC₁₂HC₁, smoke, soot, and unidentified organics).

HAZARDOUS COMBUSTION PRODUCTS: Not determined for this product.

SMALL SPILL: Flush away with water or soak up with sweeping compound or sand and transfer to a disposal container.

LARGE SPILL: Persons not wearing protective equipment should be excluded from area of spill until clean up has been completed. Stop spill at source. Per good environmental management practices, prevent from entering drains, sewers, streams, or other bodies of water. Prevent from spreading. Pump or vacuum transfer spilled material to clean containers for recovery. Absorb unrecoverable product. Transfer contaminated absorbent, soil and other materials to container for disposal.

STORAGE TEMPERATURE: Ambient **STORAGE PRESSURE:** Ambient

GENERAL: Store in a cool, dry, well-ventilated place, away from incompatible materials (e.g. strong acids and oxidizers). Do not store in direct sunlight. Keep from freezing, if frozen return to room temperature. Protect eyes, skin, and clothing from contact with product. Wear recommended protective equipment. Avoid breathing vapors mists or aerosols. Use only with adequate ventilation. Wash thoroughly after handling.

Empty containers may be hazardous. Do not cut, puncture, or weld on or near empty containers.

CONTINUED ON PAGE 3



CONTROL MEASURES: General mechanical room ventilation is sufficient for normal use of this product. If use generates vapors, mists, or aerosols, use local mechanical exhaust ventilation capable of maintaining emissions in the work area below a level of irritation to the eyes or respiratory tract.

RECOMMENDED PERSONAL PROTECTIVE EQUIPMENT:

- RESPIRATOR:** Not required for normal use of this product. When handling concentrates or use generates heavy vapors, mists, or aerosols, wear a NIOSH-approved half mask air-purifying cartridge respirator equipped with an organic vapor cartridge or supplied air.
- EYES:** When handling concentrates wear chemical goggles (recommended by ANSI Z87.1-1979).
- GLOVES:** When handling concentrates wear Neoprene or PVC coated (or similar) chemical resistant gloves.
- CLOTHING & EQUIPMENT:** When handling concentrates wear a Neoprene or PVC coated (or similar) chemical resistant apron. An eye wash station and safety shower should be available in the work area.

When handling concentrates wear Neoprene (or similar) chemical resistant boots.

Appearance:	Clear to cloudy red	Bulk Density (pounds/ft³):	Not applicable
Physical State:	Liquid	Vapor Pressure:	Not determined
Odor:	Mild detergent	Vapor Density (air=1):	Not determined
Odor Threshold:	Data unavailable	Evaporation Rate (n-Butyl Acetate=1):	Not determined
Molecular Formula:	Not determined	VOC Content:	Not determined
Molecular Weight:	Not determined	% Volatile	Not determined
Boiling Point:	Not determined	Solubility in H₂O:	Complete
Freezing/Melting Point:	35.9 F		
Specific Gravity:	1.016 @ 25° C		
Density:	Not determined.		

- GENERAL:** This product is stable and hazardous polymerization will not occur.
- CONDITIONS TO AVOID:** Avoid excessive heat and flame.
- INCOMPATIBLE MATERIAL:** Avoid contact with acids, strong oxidizing agents or chemicals that are not compatible with water.
- HAZARDOUS DECOMPOSITION PRODUCTS:** Not Determined.
- SENSITIVITY TO MECHANICAL IMPACT:** This product is not sensitive to mechanical impact.
- SENSITIVITY TO STATIC DISCHARGE:** This product is not sensitive to static discharge.



Refer to section 3.

ENVIRONMENTAL FATE:

The environmental fate of this product is expected to be: **Land:** biodegradation with some leaching into soil. **Water:** volatilization and biodegradation. **Air:** Expected to exist in vapor state only under low vapor pressure. Product is not expected to bioaccumulate.

RCRA 40 CFR 261 CLASSIFICATION: Not applicable

U.S. EPA WASTE NUMBER/DESCRIPTION: None

If this product is disposed of as shipped, it does not meet the criteria of a hazardous waste as defined under 40 CFR 261, in that it does not exhibit the characteristics of hazardous waste of Subpart C, nor is it listed as a hazardous waste under Subpart D. As a non-hazardous liquid waste, it should be disposed of in accordance with all local, state, and federal regulations. Consult state or local officials for proper disposal method.

Not applicable for consumer.

This product is not regulated.

EPA Registration number: Not Applicable

Approved product uses: USDA approved.

MSDS REVISION INFORMATION

Form revision made 03/09/98

Information revised this issue date: Product name change.

MSDS distributed by **Vision Chemical Systems Inc.**
Phone: 888-VCS-4-YOU Fax: 888-2-FAX-VCS

This material safety data sheet is provided as an informational resource only. The information contained herein is believed to be accurate and represents the best information currently available to us, much of which comes from the manufacturer or supplier of components of this product. Therefore, Vision Chemical Systems Inc., makes no warranty, expressed or implied regarding the accuracy of the data or for the use of the product. Health and safety precautions in this data sheet may not be adequate for all individuals and product uses. It is the users obligation to ensure that this MSDS is the most current MSDS available for the product; to evaluate the information contained in this sheet in connection to the uses to which the product is to be put in the work place, and to use the product safely in accordance with all applicable laws and regulations. If there are any questions regarding the information contained in this sheet or its applicability for a particular use, the user is instructed to telephone Vision Chemical Systems Inc. at 1-888-VCS-4-YOU. Vision Chemical Systems Inc. assumes no responsibility for injury from the use of the product described in this sheet. This product should not be used differently than indicated on product label.

ORDER NO.: 05364361

BATCH NO: 00026161

SUB BATCH NO: 0002

CURTIS INDUSTRIES
MATERIAL SAFETY DATA SHEET

Tire Repair Cement
Part #75263

Perfect Equipment Corporation
1435 Heil Quaker Blvd.
LaVergne, TN 37086
(615) 641-1950

***** NO HMIS RATINGS *****

***** NO NFPA RATINGS *****

***** SECTION I PRODUCT IDENTITY *****

Product/Trade Name(s): 89166, Tire Repair Cement
Part Number: 75263
MSDS Date: 1990:06:01
CAS #: N/A
Category: N/A
Distributor: N/A
Chemical Name: N/A
Formula: N/A
Brief Description: N/A

***** SECTION II HAZARDOUS INGREDIENTS & EXPOSURE LIMITS *****

CHEMICAL NAME	LIMIT VALUES	CAS #	%
1,1,1, TRICHLOROETNANE	PEL 350 ppm	71-55-6	90.00
	PEL 1,900 mg/m3		
N-ETHYLEYCLOHEXYLAMINE	N/A	5459-93-8	1.00
ZINC DI-N-BUTYLDITHIOCARBAMATE	N/A	136-23-2	1.00
ZINC DIMETHYLDITHIOCARBAMATE	N/A	137-30-4	1.00
ZINC OXIDE	PEL 5 mg/m3	1314-13-2	2.00
	PEL 15 mg/m3		
	PEL 5 mg/m3		
		fume	
		total dust	
		respirable fraction	

C U R T I S I N D U S T R I E S

***** SECTION III PHYSICAL/CHEMICAL CHARACTERISTICS *****

Boiling Point: 162 F (72 C).
 Vapor Pressure (mm Hg.): 135 @77 F (25 C).
 Vapor Density (AIR = 1): 4.54
 Solubility in Water: Negligible (Less than 5%)
 % Volatile / Volume: No Data
 Appearance and Odor: Yellowish brown viscous liquid with an ether-like odor.
 pH: No Data
 Specific Gravity (H2O = 1): 1.27
 Miscellaneous Information
 Melting Point: -49 F (-45 C). Evaporation Rate (Butyl Acetate = 1): 6.0

***** SECTION IV FIRE AND EXPLOSION HAZARD DATA *****

Flash Point: (Method Used): None.
 Flammable Limits: No Data
 Lower Explosive Limit (LEL): 7%
 Upper Explosive Limit (UEL): 15%
 Extinguishing Media
 Dry chemicals, carbon dioxide or foam. Water may be an ineffective extinguishing agent.
 Special Fire Fighting Procedures
 Fire fighters should wear NIOSH/OSHA approved pressure demand, self contained breathing apparatus for possible exposure to hydrogen chloride and traces of phosgene due to burning. Cool exposed containers with water spray or fog.
 Unusual Fire and Explosion Hazards
 Vapors concentrated in a confined or poorly ventilated area can be ignited upon contact with a high energy spark, flame or high intensity source of heat. This can occur at concentrations ranging between 7-15% by volume. Thermal decomposition can produce hydrogen chloride, traces of phosgene, carbon monoxide and carbon dioxide along with heavy dense smoke. 1,1,1 Trichloroethane vapors are heavier than air, and will collect in low areas.

***** SECTION V REACTIVITY DATA *****

Stable: Yes
 Hazardous Polymerization May Occur: No
 Conditions to Avoid
 Stability: Avoid open flames, hot glowing surfaces and high energy sparks. Polymerization: None.
 Incompatibility (Material to Avoid)
 Degrades in water. Avoid caustic soda, caustic potash or other strong oxidizing materials.
 Hazardous Decomposition or Byproducts
 Thermal decomposition may yield hydrogen chloride. Possible traces of phosgene, carbon monoxide and carbon dioxide.

***** SECTION VI HEALTH HAZARD DATA *****

C U R T I S I N D U S T R I E S

Effects on Eyes

HEALTH HAZARDS (ACUTE AND CHRONIC): Excessive exposure may cause eye discomfort, eye irritation. SIGNS AND SYMPTOMS OF EXPOSURE: Eye contact may cause irritation.

Effects on Skin

ROUTE OF ENTRY: Possible. HEALTH HAZARDS (ACUTE AND CHRONIC): Excessive exposure may cause skin dermatitis. SIGNS AND SYMPTOMS OF EXPOSURE: Skin contact may cause irritation. MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Skin disorders may be more susceptible to irritation.

Effects Due to Ingestion

ROUTE OF ENTRY: Possible. HEALTH HAZARDS (ACUTE AND CHRONIC): Excessive exposure may cause mouth and digestive tract irritation. Swallowing or vomiting and subsequent aspiration into lungs may lead to chemical pneumonia and pulmonary edema which is a potentially fatal condition. SIGNS AND SYMPTOMS OF EXPOSURE: Ingestion may cause irregular heart beats, nausea, irritation of the digestive tract.

Effects Due to Inhalation

ROUTE OF ENTRY: Possible. HEALTH HAZARDS (ACUTE AND CHRONIC): Excessive exposure may cause nose, throat, irritation, nervous system depression (drowsiness, dizziness, loss of coordination) and irregular heart beats. Swallowing or vomiting and subsequent aspiration into the lungs may lead to chemical pneumonia and pulmonary edema which is a potentially fatal condition. SIGNS AND SYMPTOMS OF EXPOSURE: Inhalation may cause irregular heart beats, dizziness, lightheadedness, headaches, loss of coordination and equilibrium, unconsciousness or irritation of the nose, throat. MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Inhalation may cause increased breathing difficulties for persons with impaired lung function or asthma-like conditions. Pre-existing heart disorders may be aggravated.

First Aid Procedures for Eyes

Flush eyes with water.

First Aid Procedures for Skin

Remove contaminated clothing.

First Aid Procedures for Ingestion

If victim is conscious and alert, drink large quantities of water. Do not attempt to give anything by mouth to unconscious person, contact physician or emergency medical facility. Do not induce vomiting. If vomiting occurs, hold head below hips to prevent aspiration into lungs.

First Aid Procedures for Inhalation

Remove to fresh air, artificial respiration or oxygen if needed.

***** SECTION VII PRECAUTIONS FOR SAFE HANDLING AND USE *****

Steps to Be Taken in Case Material is Released or Spilled

Evacuate area and provide maximum ventilation. Protect from ignition. Use proper personal protection. Dike area to contain large spills. Use absorbent material and scrape into closed container for disposal. Do not flush to sewer.

Waste Disposal Method

Dispose of container in a permitted hazardous waste management facility in accordance with all governmental regulations.

Precautions to Be Taken in Handling and Storing

Do not use in poorly ventilated area without proper respiratory



C U R T I S I N D U S T R I E S

protection. Store in closed properly labeled containers. Avoid contamination of water supplies. Prevent water from entering containers. Aluminum containers should not be used for storage or transfer.

Other Precautions

Do not breathe vapors. Limit exposure below permissible exposure limits. Avoid contact with eyes. Avoid prolonged or repeated contact with skin. Do not swallow. Do not eat, drink or smoke in work areas. Do not cut, weld or expose "empty" containers to heat.

***** SECTION VIII CONTROL MEASURES *****

Local Exhaust: Not normally required.

Mechanical (General): Recommended.

Special Ventilation: None.

Other Ventilation: None.

Protective Gloves: For frequent or prolonged contact, use Viton, Nitrile, Butyl or Neoprene gloves.

Eye Protection: Safety glasses or goggles are recommended for potential splash.

Other Protective Clothing or Equipment

No special protective clothing needed. However, for frequent or prolonged contact, use boots and apron depending upon the severity of exposure likely.

Work/Hygienic Practices

Reasonable care and caution. Normally accepted personal hygiene.

Respiratory Protection (Specify Type)

NIOSH/OSHA approved self-contained breathing apparatus for emergency.

***** SECTION IX ADDITIONAL INFORMATION *****

Additional Information

EMERGENCY TELEPHONE NUMBER:

615-641-1950

PRODUCT IDENTITY:

KEX/Perficure Chemical Activator Cement

EXPOSURE LIMITS:

TWA OSHA	TWA TLV	OTHER LIMITS RECOMMENDED	
			STEL
		350ppm	350ppm
		15 mg/cu meter	10mg/cu meter
		none	none
		*NE	*NE
		*NE	*NE
		*NE	*NE
			450ppm

*NE = Not established

This is a natural rubber/solvent solution. It has not been evaluated as a whole. Chemical ingredients are blended in the rubber polymer. Potential for hazardous exposure as shipped is minimal.



**MATERIAL SAFETY DATA SHEET
AND SAFE HANDLING DISPOSAL INFORMATION**

ZEP MANUFACTURING COMPANY
P.O. BOX 2015
ATLANTA, GA 30301
Acuity Specialty Products Group 1-877-I-BUY-ZEP
SOLD TO: 00081

ISSUE DATE: 06/21/99
SUPERSEDES:
DATE PRINTED: 12/30/02

METER MIST FRESH LINEN

Product Number: 3406 Aerosol Deodorant

SECTION I - EMERGENCY CONTACTS

For Additional Information call
Acuity Specialty Products Group 1-877-I-BUY-ZEP

For a Medical Emergency:
INFOTRAC
(877) 541-2016 Toll Free - All Calls Recorded

For a Transportation Emergency:
CHEMTREC
(800) 424-9300
In the District of Columbia: (202) 483-7616

ADVANCED AUTO PRO'S
2527 S 8TH AVE
GREELEY CO 80631

342

A38946 Branch: 342

SECTION II - HAZARDOUS INGREDIENTS

DESIGNATIONS

** ACETONE ** dimethyl ketone; CAS# 67-64-1; RTECS# -
AL3150000; OSHA PEL - 1000 ppm; ACGIH STEL - 750 ppm
@** 2-(2-ETHOXYETHOXY)-ETHANOL ** diethylene glycol monoethyl
ether, ethoxydiglycol; CAS# 111-90-0; RTECS# KK8750000; OSHA
PEL N/D
** ETHANOL ** ethyl alcohol; grain alcohol; CAS# 64-17-5;
RTECS# KQ6300000; OSHA PEL-1000 ppm
** LIQUEFIED PETROLEUM GAS ** propane; CAS# 6847685-7; RTECS #
SE7545000; OSHA PEL (TWA) - 1000 ppm
@ IDENTIFIES CHEMICALS LISTED UNDER SARA-SECTION 313 FOR RELEASE REPORTING.

TLV (PPM)	EFFECTS (SEE NOTICE)	% IN PROD.
500	FBL CNS IRR	55-65
N/D	CBL IRR	< 10
1000	IRR FBL	< 10
1000	FBL	20-30

SECTION III - HEALTH HAZARD DATA

SPECIAL NOTE: MSDS data pertains to the product as dispensed from the container. Adverse health effects would not be expected under recommended conditions of use (diluted) so long as prescribed safety precautions are practiced.

ACUTE EFFECTS OF OVEREXPOSURE:

Direct contact with the spray mist can cause eye irritation such as stinging and burning.
This product may cause slight skin irritation if contact is prolonged.
No medical conditions are known to be aggravated by overexposure to this product or ingredients in this product.

CHRONIC EFFECTS OF OVEREXPOSURE:

Chronic effects from product vapors/mists would only result from prolonged or repeated exposures, which are unlikely due to the packaging and typical use of this product.
None of the ingredients are listed as carcinogens by IARC, NTP, or OSHA.
EST'D PEL/TLV: Not established PRIMARY ROUTES OF ENTRY: N/A

HMIS CODES: HEALTH 1; FLAM. 1; REACT. 0; PERS. PROTECT. N/A; CHRONIC HAZ. NO

FIRST AID PROCEDURES:

SKIN: Wash contaminated skin thoroughly with soap or a mild detergent. Apply a skin cream with lanolin. Get medical attention if irritation persists.
EYES: Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting upper and lower lids. Get medical attention at once.
INHALE: If symptoms occur, move affected person to fresh air. If symptoms persist, get medical attention promptly.
INGEST: Aspiration hazard - do not induce vomiting. If vomiting occurs, keep head below hip level. Get emergency medical attention immediately.

SECTION IV - SPECIAL PROTECTION INFORMATION

PROTECTIVE CLOTHING: No special measures are required.
EYE PROTECTION: No special measures are required.
RESPIRATORY PROTECTION: Avoid direct inhalation of concentrated spray mist and do not direct spray toward people.
VENTILATION: No special measures are required.

SECTION V - PHYSICAL DATA

BOILING POINT (F): 132-396 SPECIFIC GRAVITY: 0.8200
VAPOR PRESSURE(mmHg): N/D EVAPORATION RATE (=1): N/D
VAPOR DENSITY(AIR=1): N/D pH(CONCENTRATE): N/A
pH(USE DILUTION OF): N/A
VOC CONTENT (CONCENTRATE): 29.8%
APPEARANCE AND ODOR: A VERY DRY SPRAY WITH A PLEASANT FRAGRANCE.

SECTION VI - FIRE AND EXPLOSION DATA

FLASH POINT(F) (METHOD USED): NOT FLAMMABLE (CSMA)
FLAMMABLE LIMITS: LEL: N/A UEL: N/A
EXTINGUISHING MEDIA: Carbon dioxide, dry chemical and foam.
SPECIAL FIRE FIGHTING: Wear self-contained positive pres. breathing apparatus.
UNUSUAL FIRE HAZARDS: Direct water onto intact containers to prevent bursting.

SECTION VII - REACTIVITY DATA

STABILITY: Stable
INCOMPATIBILITY(AVOID): None known
POLYMERIZATION: Will not occur.
HAZARDOUS DECOMPOSITION: Carbon dioxide, carbon monoxide, and other unidentified organic compounds.

SECTION VIII - SPILL AND DISPOSAL PROCEDURES**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Observe safety precautions in sections 4 & 9 during spill clean-up. Large spills are unlikely due to packaging. Spill may be absorbed on an inert absorbent material, and placed in a suitable container for disposal. Wash area thoroughly with a detergent solution and rinse well with water.

WASTE DISPOSAL METHOD:

Product is consumed in use. Do not crush, puncture or incinerate spent containers. Large numbers of aerosol containers may require handling as a hazardous waste, but in most states total hazardous waste quantities less than 220 lbs per month may allow disposal in a chemical or industrial waste landfill. Consult local, state and federal agencies for the proper disposal method in your area.

RCRA HAZ. WASTE NOS.: N/A

SECTION IX - SPECIAL PRECAUTIONS**PRECAUTIONS TO BE TAKEN WHEN HANDLING AND STORING:**

Do not store at temperatures above 120F (39C) or in direct sunlight. Container may burst if heated above 120F (39C). Do not puncture or incinerate container.

Keep product out of eyes.

Keep out of the reach of children.

SECTION X - REGULATORY INFORMATION

DOT PROPER SHIPPING NAME: CONSUMER COMMODITY,

NOTE: DOT information applies to larger package sizes of affected products. For some products, DOT may require alternate names and labeling in accordance with packaging group requirements.

DOT HAZARD CLASS: ORM-D DOT PACKING GROUP: N/A

DOT I.D. NUMBER: N/A DOT LABEL/PLACARD: ORM-D

EPA TSCA CHEMICAL INVENTORY - ALL INGREDIENTS ARE LISTED

EPA CWA 40CFR PART 117 SUBSTANCE(RQ IN A SINGLE CONTAINER): NONE

Date Last Reviewed by Compliance Services : 08/09/01

SECTION V - PHYSICAL DATA

BOILING POINT (F): 132-396 SPECIFIC GRAVITY: 0.8156
VAPOR PRESSURE(mmHg): N/D EVAPORATION RATE (=1): N/D
VAPOR DENSITY(AIR=1): N/D pH(CONCENTRATE): N/A
pH(USE DILUTION OF): N/A
VOC CONTENT (CONCENTRATE): 29.8%
APPEARANCE AND ODOR: A VERY DRY SPRAY WITH A PLEASANT FRAGRANCE.

SECTION VI - FIRE AND EXPLOSION DATA

FLASH POINT(F) (METHOD USED): NOT FLAMMABLE (CSMA)
FLAMMABLE LIMITS: LEL: N/A UEL: N/A
EXTINGUISHING MEDIA: Carbon dioxide, dry chemical and foam.
SPECIAL FIRE FIGHTING: Wear self-contained positive pres. breathing apparatus.
UNUSUAL FIRE HAZARDS: Direct water onto intact containers to prevent bursting.

SECTION VII - REACTIVITY DATA

STABILITY: Stable
INCOMPATIBILITY(AVOID): None known
POLYMERIZATION: Will not occur.
HAZARDOUS DECOMPOSITION: Carbon dioxide, carbon monoxide, and other unidentified organic compounds.

SECTION VIII - SPILL AND DISPOSAL PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:
Observe safety precautions in sections 4 & 9 during spill clean-up. Large spills are unlikely due to packaging. Spill may be absorbed on an inert absorbent material, and placed in a suitable container for disposal. Wash area thoroughly with a detergent solution and rinse well with water.
WASTE DISPOSAL METHOD:
Product is consumed in use. Do not crush, puncture or incinerate spent containers. Large numbers of aerosol containers may require handling as a hazardous waste, but in most states total hazardous waste quantities less than 220 lbs per month may allow disposal in a chemical or industrial waste landfill. Consult local, state and federal agencies for the proper disposal method in your area.
RCRA HAZ. WASTE NOS.: N/A

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN WHEN HANDLING AND STORING:
Do not store at temperatures above 120F (39C) or in direct sunlight. Container may burst if heated above 120F (39C). Do not puncture or incinerate container.
Keep product out of eyes.
Keep out of the reach of children.

SECTION X - REGULATORY INFORMATION

DOT PROPER SHIPPING NAME: CONSUMER COMMODITY,
NOTE: DOT information applies to larger package sizes of affected products. For some products, DOT may require alternate names and labeling in accordance with packaging group requirements.
DOT HAZARD CLASS: ORM-D DOT PACKING GROUP: N/A
DOT I.D. NUMBER: N/A DOT LABEL/PLACARD: ORM-D
EPA TSCA CHEMICAL INVENTORY - ALL INGREDIENTS ARE LISTED
EPA CWA 40CFR PART 117 SUBSTANCE(RQ IN A SINGLE CONTAINER): NONE
Date Last Reviewed by Compliance Services : 08/09/01



ZEP MANUFACTURING COMPANY
 Acuity Specialty Products Group, Inc.
 P.O. BOX 2015
 ATLANTA, GA 30301
 1-877-1-BUY-ZEP

Material Safety Data Sheet
 and Safe Handling and Disposal Information

Section 1. Chemical Product and Company Identification

Product name CHERRY PUNCH

Product Code 0890 **Date of issue** 04/14/03

Version 1.0 **Supersedes**

Product Use Liquid Hand Cleaner

Emergency Telephone Numbers **For MSDS Information:**
 Acuity Specialty Products Group, Inc.
 Compliance Services 1-877-4-BUY-ZEP

For Medical Emergency:
 INFOTRAC
 (877) 541-2016 Toll Free - All Calls Recorded

For a Transportation Emergency:
 CHEMTREC
 (800) 424-9300 - All Calls Recorded
 In the District of Columbia (202) 483-7616

Prepared by Compliance Services Group
 Acuity Specialty Products Group
 1420 Seaboard Industrial Blvd.
 Atlanta, GA 30318

ADVANCED AUTO PROS
 2527 S 8TH AVE
 GREELEY CO 80631

Printing date: 07/16/03

Section 2. Composition, Information on Ingredients

Name of Hazardous Ingredients	CAS #	% by Weight	Exposure Limits
1) ODORLESS ALIPHATIC NAPHTHA; heavy alkylate petroleum naphtha; odorless mineral spirits	64741-65-7	20-30	OSHA PEL (United States). TWA: 500 ppm ACGIH TLV (United States). TWA: 100 ppm

Section 3. Hazards Identification

Acute Effects **Routes of Entry** Ingestion.

Skin Repeated use may dry skin and cause irritation.

Eyes Slightly hazardous in case of eye contact (irritant). Inflammation of the eye is characterized by redness, watering, and itching.

Inhalation Inhalation not likely under normal use conditions. Can cause dizziness, lightheadedness, headache, nausea, and blurred vision.

Ingestion No data on acute toxicity of the product when ingested.

HMIS	
Health	0
Fire Hazard	0
Reactivity	0
Personal Protection	None

Carcinogenic Effects Ingredients: Not listed as carcinogen by OSHA, NTP or IARC.

Chronic Effects No known chronic effects from exposure.

See Toxicological Information (section 11)

Section 4. First Aid Measures

Eye Contact In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.

Skin Contact Rinse with plenty of running water. Get medical attention if irritation develops.

Inhalation If inhaled, remove to fresh air. Get medical attention if symptoms appear.

Ingestion Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If affected person is conscious, give plenty of water to drink. Get medical attention immediately.

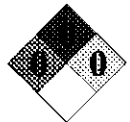
Section 5. Fire Fighting Measures

Flash Point Not determined. **Flammable Limits** Not determined.

Flammability Structure inhibits combustibility of solvent.

Fire Hazard None.

Fire-Fighting Procedures None.



Section 6. Accidental Release Measures

Spill Clean up Absorb with an inert material and place in an appropriate waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

Section 7. Handling and Storage

Handling Avoid contact with eyes.

Storage Keep container tightly closed. Keep container in a cool, well-ventilated area. Keep out of the reach of children.

Section 8. Exposure Controls, Personal Protection

	Personal Protection	Protective Clothing (Pictograms)
Eyes	No special protection is required.	
Body	No special protective clothing is required.	
Respiratory	No special protection is required.	

Section 9. Physical and Chemical Properties

Physical State	Viscous liquid.	Color	Red.
pH	7.0 - 8.0	Odor	Cherry
Boiling Point	Not available.	Vapor Pressure	Not determined.
Specific Gravity	0.96 (Water = 1)	Vapor Density	Not determined.
Solubility	Emulsifies in water.	Evaporation Rate	Not determined.
		VOC (Consumer)	30.7% 294 (g/l).

Section 10. Stability and Reactivity

Stability and Reactivity	The product is stable.
Incompatibility	Reactive with oxidizing agents.
Hazardous Polymerization	Will not occur.
Hazardous Decomposition Products	May emit toxic fumes under fire conditions.

Section 11. Toxicological Information

Toxicity to Animals	Odorless Aliphatic Naphtha
	LD50: Not available.
	LC50: Not available.

Section 12. Ecological Information

Ecotoxicity	Not available.
Biodegradable/OECD	Not available.

Section 13. Disposal Considerations

Waste information	Waste must be disposed of in accordance with federal, state and local environmental control regulations.
Waste Stream	Code: - (None.)
	Classification: - (Non-hazardous waste)

Consult your local or regional authorities.

Section 14. Transport Information

Proper shipping name	Not applicable.
DOT Classification	Not a DOT controlled material (United States).
UN number	Not regulated.

Section 15. Regulatory Information

U.S. Federal Regulations	SARA 313 toxic chemical notification and release reporting: No products were found.
	Clean Water Act (CWA) 311: No products were found.
	Clean air act (CAA) 112 regulated toxic substances: No products were found.

Section 16. Other Information

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

MATERIAL SAFETY DATA SHEET

NOTICE

Thank you for your interest in, and use of, this product. Acuity Specialty Products Group is pleased to be of service to you by supplying this Material Safety Data Sheet for your files. Acuity Specialty Products Group is concerned for your health and safety. This product and all others supplied by Acuity Specialty Products Group companies can be used safely with proper protective equipment and proper handling practices consistent with label instructions and the MSDS. Before using any this product, be sure to read the complete label and the Material Safety Data Sheet.

As a further word of caution, Acuity Specialty Products Group wishes to advise that serious accidents have resulted from the misuse of "emptied" containers. "Empty" containers retain residue (liquid and/or vapor) and can be dangerous. DO NOT pressurize, cut, weld, braze, solder, drill, grind or expose such containers to heat, flame, sparks, or other sources of ignition; they may explode or develop harmful vapors and possibly cause injury or death. Clean empty containers by triple rinsing with water or an appropriate solvent. Empty containers must be sent to a drum reconditioner before reuse.

TERMS AND ABBREVIATIONS Listed Alphabetically by Section

SECTION II: HAZARDOUS INGREDIENTS

CAR: Carcinogen - A chemical listed by the National Toxicology Program (NTP), the International Agency for Research on Cancer (IARC) or OSHA as a definite or possible human cancer causing agent.

CAS#: Chemical Abstract Services Registry Number - A universally accepted numbering system for chemical substances.

CBL: Combustible - At temperatures between 100°F and 200°F chemical gives off enough vapor to ignite if a source of ignition is present as tested with a closed cup tester.

CNS: Central Nervous System depressant that reduces the activity of the brain and spinal cord.

COR: Corrosive - Causes irreversible injury to living tissue (e.g. burns).

DESIGNATIONS: Chemical and common names of hazardous ingredients.

EIR: Eye Irritant Only - Causes reversible reddening and/or inflammation of eye tissues.

EXPOSURE LIMITS: The time weighted average (TWA) airborne concentration at which most workers can be exposed without any expected adverse effects. Primary sources include ACGIH TLVs, and OSHA PELs.

ACGIH: American Conference of Governmental Industrial Hygienists

CEILING: "The concentration that should not be exceeded in the workplace during any part of the working exposure." Source, ACGIH

OSHA: Occupational Safety and Health Administration.

PEL: Permissible Exposure Limit - A set of time weighted average exposure values, established by OSHA, for a normal 8-hour day and a 40-hour work-week.

PPM: Parts per million - unit of measure for exposure limits.

(S) SKIN: Skin contact with substance can contribute to overall exposure.

STEL: Short Term Exposure Limit - Maximum concentration for a continuous 15-minute exposure period.

TLV: Threshold Limit Value - A set of time weighted average exposure limits, established by the ACGIH, for a normal 8-hour day and a 40-hour work-week.

FBL: Flammable - At temperatures under 100°F, chemical gives off enough vapors to ignite if a source of ignition is present as tested with a closed cup tester.

HAZARDOUS INGREDIENTS: Chemical substances that are determined to be potential health or physical hazards based on the criteria established in the OSHA Hazard Communication Standard - 29 CFR 1910.1200

HTX: Highly toxic - the probable lethal dose for a 70 kg (150 lb.) man, which may be approximated as less than 6 teaspoons (2 tablespoons)

IRR: Irritant - Causes reversible effects in living tissues (e.g. inflammation) - primarily skin and eyes.

N/A: Not Applicable - Category is not appropriate for this product.

N/D: Not Determined - Insufficient information to make a determination for this item.

RTECS#: Registry of Toxic Effects of Chemical Substances - an unreviewed listing of published toxicology data on chemical substances.

SARA: Superfund Amendment and Reauthorization Act - Section 313 designates certain chemicals for possible reporting for the Toxic Chemical Release Inventory.

SEN: Sensitizer - Causes allergic reaction after repeated exposure.

TOX: Toxic - The probable lethal dose for a 70 kg (150 kg) man is one ounce (2 tablespoons) or more.

SECTION III: HEALTH HAZARD DATA

ACUTE EFFECT: An adverse effect on the human body from a single exposure with symptoms developing almost immediately after exposure or within a relatively short time.

CHRONIC EFFECT: Adverse effects that are most likely to occur from repeated exposure over a long period of time.

EST'D PEL/TLV: This estimated, time-weighted-average, exposure limit, developed by using a formula provided by the ACGIH, pertains to airborne concentrations from the product as a whole. This value should serve as guide for providing safe workplace conditions to nearly all workers.

HMIS CODES: Hazardous Material Identification System - a rating system developed, by the National Paint and Coating Association for estimating the hazard potential of a chemical under normal workplace conditions. These risk estimates are indicated by a numerical rating given in each of three hazard areas (Health/Flammability/Reactivity) ranging from a low of zero to a high of 4. The presence of a chronic hazard is indicated by a "YES". Consult HMIS training guides for Personal Protection letter codes, which indicate necessary protective equipment.

PRIMARY ROUTE OF ENTRY: The way one or more hazardous ingredients may enter the body and cause a generalized systemic or specific-organ toxic effect.

ING: Ingestion - A primary route of exposure through swallowing of material.

INH: Inhalation - A primary route of exposure through breathing of vapors.

SKIN: A primary route of exposure through contact with the skin.

SECTION IV: SPECIAL PROTECTION INFORMATION

Where respiratory protection is recommended, use only MSHA and NIOSH approved respirators and dust masks.

MSHA: Mine Safety and Health Administration

NIOSH: National Institute for Occupational Safety and Health.

SECTION V: PHYSICAL DATA

EVAPORATION RATE: Refers to the rate of change from the liquid state to the vapor state at ambient temperature and pressure in comparison to a given substance (e.g. water).

pH: A value representing the acidity or alkalinity of an aqueous solution (Highly Acidic pH = 1; Neutral pH = 7; Highly Alkaline pH = 14)

VOC CONTENT: The percentage or amount in pounds per gallon of the product that is regulated as a Volatile Organic Compound under the Clean Air Act of 1990 and various state jurisdictions.

SOLUBILITY IN WATER: A description of the ability of the product to dissolve in water.

SECTION VII: REACTIVITY DATA

HAZARDOUS DECOMPOSITION: Breakdown products expected to be produced upon product decomposition by extreme heat or fire.

INCOMPATIBILITY: Keep product away from listed substances or conditions to prevent hazardous reactions.

POLYMERIZATION: Indicates the tendency of the product's molecules to combine with themselves in a chemical reaction releasing excess pressure and heat.

STABILITY: Indicates the susceptibility of the product to decompose spontaneously and dangerously.

SECTION VIII: SPILL AND DISPOSAL PROCEDURES

RCRA WASTE NOs: RCRA (Resource Conservation and Recovery Act) waste codes (40 CFR 261) applicable to the disposal of spilled or unusable product from the original container.

SECTION X: TRANSPORTATION DATA

CWA: Clean Water Act - Federal law that regulates chemical releases to bodies of water.

RQ: Reportable Quantity - The amount of the specific ingredient that, when spilled to the ground and, can enter a storm sewer or natural watershed, must be reported to the National Response Center, and other regulatory agencies.

TSCA: Toxic Substances Control Act - A federal law requiring all commercial chemical substances to appear on an inventory maintained by the EPA.

DISCLAIMER

All statements, technical information, and recommendations contained herein are based on available scientific tests or data that we believe to be reliable. The accuracy and completeness of such data are not warranted or guaranteed. We cannot anticipate all conditions under which this information and our products, or the products of other manufacturers in combination with our products, may be used. Acuity Specialty Products Group assumes no liability or responsibility for loss or damage resulting from the improper use or handling of our products, from incompatible product combinations, or from the failure to follow instructions, warnings, and advisories in the product label and Material Safety Data Sheet

(rev 06/02)



ZEP MANUFACTURING COMPANY
 Acuity Specialty Products Group, Inc.
 P.O. BOX 2015
 ATLANTA, GA 30301
 1-877-1-BUY-ZEP

Material Safety Data Sheet
 and Safe Handling and Disposal Information

Section 1. Chemical Product and Company Identification

Product name I.D. RED (LIQUID)
Product Code 0570 **Date of issue** 05/16/03
Version 1.0 **Supersedes** 05/06/03
Product Use Industrial Solvent Degreaser

Emergency Telephone Numbers **For MSDS Information:**
 Acuity Specialty Products Group, Inc.
 Compliance Services 1-877-1-BUY-ZEP

For Medical Emergency:
 INFOTRAC
 (877) 541-2016 Toll Free - All Calls Recorded

For a Transportation Emergency:
 CHEMTREC
 (800) 424-9300 - All Calls Recorded
 In the District of Columbia (202) 483-7616

00151 B342
 ADVANCED AUTO PROS
 2527 S 8TH AVE
 GREELEY CO 80631

Printing date: 07/16/03

Prepared by Compliance Services Group
 Acuity Specialty Products Group
 1420 Seaboard Industrial Blvd.
 Atlanta, GA 30318

Section 2. Composition, Information on Ingredients

Name of Hazardous Ingredients	CAS #	% by Weight	Exposure Limits
1) HEXANE; n-hexane	110-54-3	80-90	OSHA PEL (United States). TWA: 500 ppm ACGIH TLV (United States). TWA: 50 ppm Supplier Suggested PEL (United States). TWA: 50 ppm
2) ISOPROPYL ALCOHOL; ipa; dimethylcarbinol; 2-propanol	67-63-0	5-15	ACGIH/OSHA (United States). TWA: 400 ppm STEL: 500 ppm
3) METHANOL; methyl alcohol; wood alcohol; columbia spirits	67-56-1	<5	OSHA/ACGIH (United States). TWA: 200 ppm OSHA /ACGIH (United States). STEL: 250 ppm

Section 3. Hazards Identification

Acute Effects **Routes of Entry** Dermal contact. Inhalation.

Skin Hazardous in case of skin contact (irritant, permeator). Skin inflammation is characterized by itching, scaling, reddening, or, occasionally, blistering. Non-sensitizer for skin. Product may be dermal absorbed. Can cause CNS depression. Symptoms and signs include headaches, dizziness, fatigue, muscular weakness, drowsiness and, in extreme cases, loss of consciousness. Medical Conditions Aggravated by Overexposure:
Skin

Eyes Hazardous in case of eye contact (irritant). Inflammation of the eye is characterized by redness, watering, and itching.

Inhalation Hazardous in case of inhalation (lung irritant). Over-exposure by inhalation may cause respiratory irritation. Can cause CNS depression. Symptoms and signs include headaches, dizziness, fatigue, muscular weakness, drowsiness and, in extreme cases, loss of consciousness. Medical Conditions Aggravated by Overexposure:
Respiratory

Ingestion No data on acute toxicity of the product when ingested. Aspiration hazard if swallowed- can enter lungs and cause damage.

HMIS	
Health	2
Flammability	4
Reactivity	0
Personal Protection	B, r

Carcinogenic Effects Ingredients: Not listed as carcinogen by OSHA, NTP or IARC.

Chronic Effects Defatting to the skin. Prolonged skin contact may cause dermatitis with drying and cracking of skin. Contains n-hexane which may cause peripheral nerve damage. The substance may be toxic to kidneys, lungs, liver, heart, peripheral nervous system, skin, eyes, central nervous system (CNS), pancreas. Repeated or prolonged exposure to the substance can produce target organs damage.

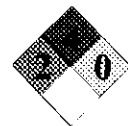
See Toxicological Information (section 11)

Section 4. First Aid Measures

Eye Contact	Flush with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention.
Skin Contact	Wash contaminated skin with soap and water. Remove contaminated clothing and shoes. Cover the irritated skin with an emollient. Get medical attention if irritation develops.
Inhalation	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
Ingestion	Aspiration hazard if swallowed- can enter lungs and cause damage. Do NOT induce vomiting unless directed to do so by medical personnel. If vomiting occurs, keep head lower than hips to help prevent aspiration. NEVER give an unconscious person anything to ingest. Get medical attention immediately.

Section 5. Fire Fighting Measures

Flash Point	CLOSED CUP: -26°C (-14.8°F). (Tagliabue.)	Flammable Limits LOWER: 1.2% UPPER: 7.8%
Flammability	Extremely flammable in presence of open flames, sparks and static discharge, of heat, of oxidizing materials.	
Fire Hazard	Extremely flammable liquid and vapor. Vapor may cause flash fire. Vapors may accumulate in low or confined areas, travel considerable distance to source of ignition and flash back.	
Fire-Fighting Procedures	Use dry chemical or CO ₂ . Wear special protective clothing and positive pressure, self-contained breathing apparatus. Cool containing vessels with flooding quantities of water until well after fire is out.	

**Section 6. Accidental Release Measures**

Spill Clean up	Eliminate all ignition sources. Put on appropriate personal protective equipment (see Section 8). Absorb with an inert material and place in an appropriate waste disposal container. To clean the floor and all objects contaminated by this material, use detergent. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.
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Section 7. Handling and Storage

Handling	Extremely flammable liquid and vapor. Store and use away from heat, sparks, open flame, or any other ignition source. Avoid contact with eyes, skin and clothing. Avoid breathing vapors or spray mists. Use only with adequate ventilation. Wash thoroughly after handling. Wash contaminated clothing before reusing. To avoid fire or explosion, dissipate static electricity during transfer by grounding and bonding containers and equipment before transferring material.
Storage	Avoid all possible sources of ignition (spark or flame). Store in a segregated and approved area. Keep container in a cool, well-ventilated area. Keep container tightly closed and sealed until ready for use. Store between 40°F - 120°F.

Section 8. Exposure Controls, Personal Protection

	Personal Protection	Protective Clothing (Pictograms)
Eyes	Splash goggles.	
Body	Nitrile gloves. Neoprene gloves. Recommended: Synthetic apron.	
Respiratory	Use with adequate ventilation. Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Wear appropriate respirator when ventilation is inadequate. Approved/certified respirator with organic vapor cartridges.	

Section 9. Physical and Chemical Properties

Physical State	Liquid.	Color Clear
pH	Not applicable.	Odor Hydrocarbon. (Slight.)
Boiling Point	64°C (147.2°F)	Vapor Pressure 17.9 kPa (134 mmHg) (at 20°C)
Specific Gravity	0.68 (Water = 1)	Vapor Density 3 (Air = 1)
Solubility	Insoluble in cold water, hot water.	Evaporation Rate 8 compared to Butyl acetate.
		VOC (Consumer) 748 (g/l). 100%

Section 10. Stability and Reactivity

Stability and Reactivity	The product is stable.
Incompatibility	Avoid contact with strong oxidizers, excessive heat, sparks or open flame.
Hazardous Polymerization	Will not occur.
Hazardous Decomposition Products	Carbon Dioxide, Carbon Monoxide and Other organic materials.

Section 11. Toxicological Information

Toxicity to Animals	Isopropyl Alcohol:
	ORAL (LD50): Acute: 5045 mg/kg [Rat].
	Methanol:
	ORAL (LD50): Acute: 5628 mg/kg [Rat].

Section 12. Ecological Information

Ecotoxicity	Not available.
Biodegradability/OECD	Not available.

Section 13. Disposal Considerations

Waste Information Waste must be disposed of in accordance with federal, state and local environmental control regulations.
Waste Stream Code: D001
Classification: - (Hazardous waste.)
Origin: - (RCRA waste.)

Consult your local or regional authorities.

Section 14. Transport Information

Proper shipping name Flammable liquid, n.o.s.
DOT Classification 3
UN number UN1993

Section 15. Regulatory Information

U.S. Federal Regulations SARA 313 toxic chemical notification and release reporting: Hexane ; Methanol
Clean Water Act (CWA) 311: No products were found.
Clean air act (CAA) 112 regulated toxic substances: Hexane; Methanol

Section 16. Other Information

*To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.
Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.*

MATERIAL SAFETY DATA SHEET

NOTICE

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As a further word of caution, Acuity Specialty Products Group wishes to advise that serious accidents have resulted from the misuse of "emptied" containers. "Empty" containers retain residue (liquid and/or vapor) and can be dangerous. DO NOT pressurize, cut, weld, braze, solder, drill, grind or expose such containers to heat, flame, sparks, or other sources of ignition; they may explode or develop harmful vapors and possibly cause injury or death. Clean empty containers by triple rinsing with water or an appropriate solvent. Empty containers must be sent to a drum reconditioner before reuse.

TERMS AND ABBREVIATIONS Listed Alphabetically by Section

SECTION II: HAZARDOUS INGREDIENTS

CAR: Carcinogen - A chemical listed by the National Toxicology Program (NTP), the International Agency for Research on Cancer (IARC) or OSHA as a definite or possible human cancer causing agent.
CAS#: Chemical Abstract Services Registry Number - A universally accepted numbering system for chemical substances.
CBL: Combustible - At temperatures between 100°F and 200°F chemical gives off enough vapor to ignite if a source of ignition is present as tested with a closed cup tester.
CNS: Central Nervous System depressant that reduces the activity of the brain and spinal cord.
COR: Corrosive - Causes irreversible injury to living tissue (e.g. burns).
DESIGNATIONS: Chemical and common names of hazardous ingredients.
EIR: Eye Irritant Only - Causes reversible reddening and/or inflammation of eye tissues.
EXPOSURE LIMITS: The time weighted average (TWA) airborne concentration at which most workers can be exposed without any expected adverse effects. Primary sources include ACGIH TLVs, and OSHA PELs.
ACGIH: American Conference of Governmental Industrial Hygienists
CEILING: "The concentration that should not be exceeded in the workplace during any part of the working exposure." Source, ACGIH
OSHA: Occupational Safety and Health Administration.
PEL: Permissible Exposure Limit - A set of time weighted average exposure values, established by OSHA, for a normal 8-hour day and a 40-hour work-week.
PPM: Parts per million - unit of measure for exposure limits.
(S) SKIN: Skin contact with substance can contribute to overall exposure.
STEL: Short Term Exposure Limit - Maximum concentration for a continuous 15-minute exposure period.
TLV: Threshold Limit Value - A set of time weighted average exposure limits, established by the ACGIH, for a normal 8-hour day and a 40-hour work-week.

FBL: Flammable - At temperatures under 100°F, chemical gives off enough vapors to ignite if a source of ignition is present as tested with a closed cup tester.

HAZARDOUS INGREDIENTS: Chemical substances that are determined to be potential health or physical hazards based on the criteria established in the OSHA Hazard Communication Standard - 29 CFR 1910.1200

HTX: Highly toxic - the probable lethal dose for a 70 kg (150 lb.) man, which may be approximated as less than 6 teaspoons (2 tablespoons)

IRR: Irritant - Causes reversible effects in living tissues (e.g. inflammation) - primarily skin and eyes.

N/A: Not Applicable - Category is not appropriate for this product.

N/D: Not Determined - Insufficient information to make a determination for this item.

RTECS#: Registry of Toxic Effects of Chemical Substances - an unreviewed listing of published toxicology data on chemical substances.

SARA: Superfund Amendment and Reauthorization Act - Section 313 designates certain chemicals for possible reporting for the Toxic Chemical Release Inventory.

SEN: Sensitizer - Causes allergic reaction after repeated exposure.

TOX: Toxic - The probable lethal dose for a 70 kg (150 kg) man is one ounce (2 tablespoons) or more.

SECTION III: HEALTH HAZARD DATA

ACUTE EFFECT: An adverse effect on the human body from a single exposure with symptoms developing almost immediately after exposure or within a relatively short time.

CHRONIC EFFECT: Adverse effects that are most likely to occur from repeated exposure over a long period of time.

EST'D PEL/TLV: This estimated, time-weighted-average, exposure limit, developed by using a formula provided by the ACGIH, pertains to airborne concentrations from the product as a whole. This value should serve as guide for providing safe workplace conditions to nearly all workers.

HMIS CODES: Hazardous Material Identification System - a rating system developed, by the National Paint and Coating Association for estimating the hazard potential of a chemical under normal workplace conditions. These risk estimates are indicated by a numerical rating given in each of three hazard areas (Health/ Flammability/Reactivity) ranging from a low of zero to a high of 4. The presence of a chronic hazard is indicated by a "YES". Consult HMIS training guides for Personal Protection letter codes, which indicate necessary protective equipment.

PRIMARY ROUTE OF ENTRY: The way one or more hazardous ingredients may enter the body and cause a generalized systemic or specific-organ toxic effect.

ING: Ingestion - A primary route of exposure through swallowing of material.

INH: Inhalation - A primary route of exposure through breathing of vapors.

SKIN: A primary route of exposure through contact with the skin.

SECTION IV: SPECIAL PROTECTION INFORMATION

Where respiratory protection is recommended, use only MSHA and NIOSH approved respirators and dust masks.

MSHA: Mine Safety and Health Administration

NIOSH: National Institute for Occupational Safety and Health.

SECTION V: PHYSICAL DATA

EVAPORATION RATE: Refers to the rate of change from the liquid state to the vapor state at ambient temperature and pressure in comparison to a given substance (e.g. water).

pH: A value representing the acidity or alkalinity of an aqueous solution (Highly Acidic pH = 1; Neutral pH = 7; Highly Alkaline pH = 14)

VOC CONTENT: The percentage or amount in pounds per gallon of the product that is regulated as a Volatile Organic Compound under the Clean Air Act of 1990 and various state jurisdictions.

SOLUBILITY IN WATER: A description of the ability of the product to dissolve in water.

SECTION VII: REACTIVITY DATA

HAZARDOUS DECOMPOSITION: Breakdown products expected to be produced upon product decomposition by extreme heat or fire.

INCOMPATIBILITY: Keep product away from listed substances or conditions to prevent hazardous reactions.

POLYMERIZATION: Indicates the tendency of the product's molecules to combine with themselves in a chemical reaction releasing excess pressure and heat.

STABILITY: Indicates the susceptibility of the product to decompose spontaneously and dangerously.

SECTION VIII: SPILL AND DISPOSAL PROCEDURES

RCRA WASTE NOs: RCRA (Resource Conservation and Recovery Act) waste codes (40 CFR 261) applicable to the disposal of spilled or unusable product from the original container.

SECTION X: TRANSPORTATION DATA

CWA: Clean Water Act - Federal law that regulates chemical releases to bodies of water.

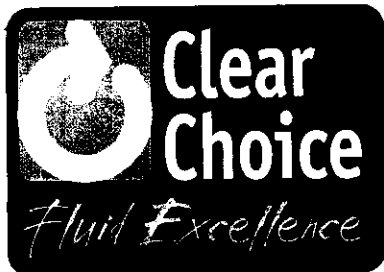
RQ: Reportable Quantity - The amount of the specific ingredient that, when spilled to the ground and, can enter a storm sewer or natural watershed, must be reported to the National Response Center, and other regulatory agencies.

TSCA: Toxic Substances Control Act - A federal law requiring all commercial chemical substances to appear on an inventory maintained by the EPA.

DISCLAIMER

All statements, technical information, and recommendations contained herein are based on available scientific tests or data that we believe to be reliable. The accuracy and completeness of such data are not warranted or guaranteed. We cannot anticipate all conditions under which this information and our products, or the products of other manufacturers in combination with our products, may be used. Acuity Specialty Products Group assumes no liability or responsibility for loss or damage resulting from the improper use or handling of our products, from incompatible product combinations, or from the failure to follow instructions, warnings, and advisories in the product label and Material Safety Data Sheet

(rev 06/02)



MATERIAL SAFETY DATA SHEET

**GoldPlus Precharged Premix
Prediluted Heavy-Duty Coolant (50/50)**

SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product/Chemical Name: Clear Choice GoldPlus Precharged Premix Antifreeze Nitrited Hybrid Organic Acid Technology (NOAT)

Product Description: Ethylene Glycol, Ethylene Glycol Solution, Heavy-Duty Coolant (50/50)

Chemical Family: Inhibited Ethylene Glycol and Water Solution

CAS Registry: Mixture

Manufacturer: Clear Choice
9009 Quince St, Unit C
Henderson, CO 80640
303-227-9900

SECTION 2 – COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT	CAS No	WT. RANGE %	EXPOSURE LIMIT
*1,2-ethanediol (Ethylene Glycol)	107-21-1	46-51%	50ppm Ceiling-ACGIH
Diethylene glycol	11-46-6	0-3%	None established
Proprietary Additives and Inhibitors	Not applicable	<1%	Not applicable
Dye	Not applicable	<1%	Not applicable
Water	7732-18-5	Balance	Not applicable

*Hazardous according to OSHA (1910.1200) or one or more state Right-to-Know lists.

SECTION 3 – HAZARDOUS IDENTIFICATION

Health: 2

Flammability: 0

Reactivity: 0

Special: None

0 = minimal 1= slight 2=moderate 3= serious 4= severe

HMIS

H # 2
F # 0
R # 0

PPET†

†Sec. 8

Route(s) of Entry

Inhalation: Yes

Skin: Yes

Ingestion: Yes

Eyes: Yes

Target Organs: Kidneys and Liver

Effects of overexposure:

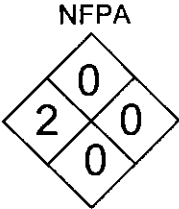
Acute: Eyes: May cause minimal irritation, experienced as temporary discomfort.

Effects of overexposure (con't)	Acute:	
	Skin:	Brief contact is not irritating. Prolonged contact, as with clothing wetted with material may cause defatting of skin or irritation, seen as local redness with possible mild discomfort. Other than the potential skin irritation effects noted above, acute (short term) adverse effects are not expected from brief skin contact.
	Inhalation:	Vapors or mist, in excess of permissible concentrations, or in unusually high concentrations generated from spraying, heating the material or as from exposure in poorly ventilated areas or confined spaces, may cause irritation of the nose and throat, headache, nausea, and drowsiness. Prolonged or repeated overexposure may result in the absorption of potentially harmful amounts of material.
	Ingestion:	Contains ethylene glycol and/or diethylene glycol, which are toxic when swallowed. A lethal dose for an adult is 1-2 ml per kilogram, or about 4 ounces (one-half cup). Symptoms include headache, weakness, confusion, dizziness, staggering, slurred speech, loss of concentration, faintness, nausea and vomiting, increased heart rate, decreased blood pressure, difficulty breathing and seeing, pulmonary edema, unconsciousness, convulsions, collapse and coma. Symptoms may be delayed. Decreased urine output and kidney failure may also occur. Severe poisoning may cause death. Aspiration may occur during swallowing or vomiting, resulting in lung damage.
Sensitization Properties:	Unknown	
Signs and Symptoms of Exposure:		See above "Effects of Overexposure."
Medical Conditions Generally Aggravated by Long-Term Exposure:		Repeated overexposure may aggravate existing kidney disease.
Chronic Effects:		Repeated ingestion may cause kidney damage
Carcinogenicity		
NTP:	Not listed	
IARC Monographs:	Not listed	
OSHA Regulations:	Not listed	
ACGIH	Not listed	

SECTION 4 – FIRST AID MEASURES

Emergency and First Aid Procedures:	Eye contact:	Immediately flush with large quantities of water for at least 15 minutes and
	Skin contact:	Remove excess with cloth or paper towel. Wash thoroughly with soap and water. If irritation persists, get medical attention.
	Ingestion:	Immediately contact a physician, poison control center or emergency treatment center. DO NOT induce vomiting. Aspiration Hazard: Product may be inhaled into lungs if vomited.
	Inhalation:	Remove to fresh air. Restore and/or support breathing as required. Keep victim warm and at rest.
Note to Physicians:	Treat symptomatically	
Special Precautions/Procedures:	None known	

SECTION 5 – FIRE-FIGHTING MEASURES

Unusual Fire Fighting procedures:	None known	NFPA 
Flash Point:	None at this dilution	
Flash Point Method:	Not applicable	
Burning Rate:	Not applicable	
Autoignition Temperature:	Not determined	
Flammable limits in air (% by volume):		
LEL:	Not determined	
UEL:	Not determined	
Flammability Classification:	Does not burn, but can emit fumes in a fire.	
Extinguishing Media:	For large fires use alcohol-type or all purpose foam. For small fires use water spray, dry chemical, foam or carbon dioxide to extinguish.	
Unusual Fire or Explosion Hazards:	None known	
Fire-Fighting Instructions:	According to the National Fire Protection Association Guide, use water spray, dry chemical, foam or carbon dioxide. A direct stream of water or foam may cause frothing. Use water spray to disperse the vapors and to provide protection for person attempting to stop the leak.	
Fire-Fighting Equipment:	Because fire may produce toxic thermal decomposition products, wear a self-contained breathing apparatus (SCBA) with a full facepiece operated in pressure-demand or positive-pressure mode.	
Unusual Fire Fighting procedures:	Not required	
Other Information:	Products evolved when subjected to heat or combustion: carbon monoxide and carbon dioxide may be formed on burning in limited air supply.	

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Spill/Leak Procedures:	Ventilate area. Avoid breathing vapor. Wear appropriate personal protective equipment, including appropriate respiratory protection. Contain spill if possible. Wipe up or absorb on suitable material and shovel up. Prevent entry into sewers and waterways. Avoid contact with skin, eyes or clothing.
Regulatory Requirements:	If more than 10,539 pounds of product is spilled, then report spill according to SARA 304 and/or CERCLA 102(a) requirements, unless product qualifies for petroleum exemption (CERCLA Section 101 (14)).

SECTION 7 – HANDLING AND STORAGE

Handling Precautions	Minimum feasible handling temperatures should be maintained. Empty containers contain product residue and may be dangerous.
Storage Requirements:	Periods of exposure to high temperature should be minimized. Water contamination should be avoided. Keep containers away from open flames. ETHYLENE GLYCOL BASE – Ethylene Glycol has produced birth defects in rodents. Do not store near food.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Ventilation:	Normal to maintain exposure below TLV
Permissible Concentrations in Air:	10mg/cubic meter for particulate mist; 50 ppm (125 mg/cubic meter) ceiling limit for Ethylene Glycol (ACGIH 1984-1985)
Respiratory Protection:	Supplied air respiratory protection for cleaning large spills or upon entry into tanks, vessels, or other confined spaces. Use a NIOSH approved organic vapor and gas respirator with mist filter.
Eye Protection:	Chemical type goggles or face shield optional.
Protective Clothing/Equipment:	Wear chemically protective gloves, boots, aprons, and gauntlets to prevent prolonged or repeated skin contact. Wear protective eyeglasses or chemical safety goggles.
Work and Hygienic Practices:	Exposed employees should exercise reasonable personal cleanliness; this includes cleansing exposed skin areas several times daily with soap and water, and laundering or dry cleaning soiled work clothing at least weekly.

Safety Stations:	Make emergency eyewash stations, safety/quick-drench showers, and washing facilities available in work area.
Contaminated Equipment:	Separate contaminated work clothes from street clothes. Launder before reuse. Remove this material from your shoes and clean personal protective equipment.
Comments:	Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance and odor:	Clear liquid with a mild odor (may contain dye in one of several colors).
Boiling Point (760 mm Hg):	325°F
Freezing/Melting Point:	-34°F
Specific Gravity (water =1):	1.110-1.125
Vapor Density (air =1):	1.8
Percent Volatile by Volume:	NIL
Evaporation Rate (butyl acetate =1):	Not determined
Solubility in Water (% by wt):	100%
Vapor Pressure (at 20°C):	18mm Hg.
pH:	10-11
Viscosity SUS @ 100°F	Less than 20cst

SECTION 10 – STABILITY AND REACTIVITY

Stability:	Stable
Polymerization:	Does not occur
Chemical Incompatibilities:	Normally unreactive, but try to avoid strong oxidizers, strong acids and strong bases at high temperatures.
Conditions to Avoid:	High temperatures above 413°C (775°F) (product can decompose)
Hazardous decomposition products:	Carbon dioxide, carbon monoxide

SECTION 11 – TOXICOLOGICAL INFORMATION

Eye Effects:	Believed to cause slight eye irritation.
Skin Effects:	Can be irritating to skin upon prolonged contact
Acute Inhalation Effects:	Drowsiness, narcosis, and unconsciousness possible upon exposure to high concentrations in poorly ventilated confined spaces.
Acute Oral Effects:	Can cause irritation to mouth, throat and stomach
Chronic Effects:	Liver and kidney damage in a 2 year rat feeding study using 1-2% Ethylene Glycol. Oral administration of very high doses of Ethylene Glycol produced birth defects in laboratory animals.
Carcinogenicity:	Neither product nor its ingredients are listed by IARC, NTD or OSHA
Mutagenicity:	Not mutagenic
Teratogenicity:	Not Teratogenic

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity:	Oral: Believed to be 4.7-8.5 g/kg (rat); moderately toxic Inhalation: Not determined. Dermal: Believed to be 1-3 g/kg (rabbit); slightly toxic Other: Not determined. Irritation Index/Estimation of Irritation (Species) Skin: Believed to be 0.5-1.8/8.0 (rabbit); slightly irritating Eyes: Believed to be 15-25/110 (rabbit); slightly irritating
Soil Absorption/Mobility:	Not determined

SECTION 13 – DISPOSAL CONSIDERATIONS

Waste Disposal Method:	Dispose of waste in accordance with Federal, State and Local laws.
Disposal Regulatory Requirements:	Under RCRA, it is the responsibility of the user of products to determine, at the time of disposal, whether product meets RCRA criteria for hazardous waste. This is because product uses transformations, mixture, processes, etc., may render the resulting material hazardous (see waste classification)
Container Cleaning and Disposal:	Containers should be cleaned of residual product before disposal, and disposed of in accordance with all applicable laws and regulations.

SECTION 14 – TRANSPORT INFORMATION

DOT Proper Shipping Name:	Not regulated unless shipping container holds at least 5,000 lbs (~535 gal.).
Shipping Symbols:	Not applicable
Hazard Class:	Not applicable
UN Number:	Not regulated unless shipping container holds at least 5,000 lbs (~535 gal.).
Packing Group:	Not applicable
Label:	Not applicable
Special Provisions (172.102):	Not applicable
Bulk Shipments	
DOT Proper Shipping Name:	Environmentally hazardous substance, liquid, n.o.s. (Ethylene glycol)
UN Number:	UN 3082
Label Requirement:	Class 9, UN 3082

SECTION 15 – REGULATORY INFORMATION

EPA Regulations	
RCRA Hazardous Waste Number and RCRA Hazardous Waste Classification:	Unused product is not classified as a hazardous waste by RCRA criteria
CERCLA Hazardous Substance and CERCLA Reportable Quantity:	Does not contain any ingredients listed as a CERCLA hazardous substance.
SARA Toxic Chemical and SARA EHS:	Contains following substance which is listed in Title III: Ethylene Glycol. SARA 313 Information: SARA Hazard Category: An immediate health hazard A delayed health hazard
OSHA Regulations:	
State Regulations	
Other:	All components listed on both TSCA (USA) and DSL (Canada) inventory. CANADIAN WHMIS CLASSIFICATION: Class D, Division 2, Subdivision B (A toxic material causing other chronic effects)

SECTION 16 – OTHER INFORMATION

Prepared By: Additive Technologies, technical department

Additional Hazard Rating Systems: None

Disclaimer: THE INFORMATION GIVEN HEREIN IS GIVEN IN GOOD FAITH AND FROM SOURCES WE BELIEVE RELIABLE. BUT NO WARRANTY, EXPRESS OR IMPLIED, REGARDING ITS CORRECTNESS IS MADE.

The conditions or methods of handling, storage, use and disposal of this product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of this product.

This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not apply.

CONSULT Company listed in Section 1. FOR FURTHER INFORMATION.

Material Safety Data Sheet



Superior Solutions

Zep Inc.
1310 Seaboard Industrial Blvd.
Atlanta, GA 30318
1-877-I-BUY-ZEP (428-9937)
www.zep.com

Section 1. Chemical Product and Company Identification

Product name SHELL SHOCK (GreenLink)
Product use Heavy Duty Hand Cleaner
Product code 0849
Date of issue 08/11/08 **Supersedes** 03/13/07

Emergency Telephone Numbers

For MSDS Information:
Compliance Services 1-877-I-BUY-ZEP (428-9937)

For Medical Emergency
INFOTRAC: (877) 541-2016 Toll Free - All Calls Recorded

For Transportation Emergency
CHEMTREC: (800) 424-9300 - All Calls Recorded
In the District of Columbia (202) 483-7616

Prepared By

Compliance Services
1420 Seaboard Industrial Blvd.
Atlanta, GA 30318

Printing date: 11/04/08



00490

B342

ADVANCED AUTO PROS
2527 8TH AVE
GREELEY CO 80631-8409

Section 2. Hazards Identification

Emergency overview

CAUTION

CAUSES EYE IRRITATION.

*Hazard Determination System (HDS): Health, Flammability, Reactivity



NOTE: MSDS data pertains to the product as delivered in the original shipping container(s). Risk of adverse effects are lessened by following all prescribed safety precautions, including the use of proper personal protective equipment.

Acute Effects

Routes of Entry

Not available.

Eyes Direct contact may cause irritation and redness. Inflammation of the eye is characterized by redness, watering and itching.

Skin May cause skin sensitization. May cause allergic reactions in certain individuals.

Inhalation No known acute effects of this product resulting from inhalation.

Ingestion No known significant effects or critical hazards.

Chronic effects

Prolonged or repeated contact may dry skin and cause irritation.

Ingredients: Not listed as carcinogen by OSHA, NTP or IARC.

Additional Information: See Toxicological Information (Section 11)

Section 3. Composition/Information on Ingredients

ALKYL (C16-C18) METHYL ESTERS

67784-80-9

20 - 30

Section 4. First Aid Measures

Eye Contact Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention if irritation occurs.

Skin Contact This product is formulated for use on the skin, but should always be immediately rinsed off with plenty of water. Get medical attention if irritation develops.

Inhalation Inhalation not likely under normal use conditions.

Ingestion Do not induce vomiting unless directed to do so by medical personnel. If affected person is conscious, give plenty of water to drink. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Section 5. Fire Fighting Measures

National Fire Protection Association (U.S.A.)



Flash Point None.

Flammable Limits Not available.

Flammability Non-combustible.

Fire hazard In a fire or if heated, a pressure increase will occur and the container may burst.

Fire-Fighting Procedures Use an extinguishing agent suitable for the surrounding fire.

Section 6. Accidental Release Measures

Spill Clean up Put on appropriate personal protective equipment (see section 8). Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble or absorb with an inert dry material and place in an appropriate waste disposal container.

Section 7. Handling and Storage

Handling Put on appropriate personal protective equipment (see section 8). Avoid contact with eyes. Do not ingest. Wash thoroughly after handling. Do not reuse container.

Storage Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Store between the following temperatures: 40°F - 120°F (4.4°C - 49°C). Keep out of the reach of children.

Section 8. Exposure Controls/Personal Protection**Product name****Exposure limits**

No exposure limit value known.

Personal Protective Equipment (PPE)

Eyes No special protection is required.
Body No special protective clothing is required.
Respiratory No special protection is required.

Section 9. Physical and Chemical Properties

Physical State Liquid. [Gel]

pH 7.0 - 9.0

Boiling Point 100°C (212°F)

Specific Gravity 1.024

Solubility Emulsifies in water.

Color Opaque. Tan.

Odor Apple-like. Cinnamon

Vapor Pressure Not determined.

Vapor Density Not determined.

Evaporation Rate Not determined.

VOC (Consumer) 0 (g/l).

Section 10. Stability and Reactivity

Stability and Reactivity The product is stable.

Incompatibility None identified.

Hazardous Polymerization Not available.

Hazardous Decomposition Products carbon oxides (CO, CO₂), nitrogen oxides (NO, NO₂ etc.)

Section 11. Toxicological Information**Acute Toxicity**

Product/ingredient name	Result	Species	Dose	Exposure
Alkyl Methyl Esters	LD50 Oral	Rat	>15000 mg/kg	-

Section 12. Ecological Information

Environmental Effects No known significant effects or critical hazards.

Aquatic Ecotoxicity

Not available.

Section 13. Disposal Considerations**Waste Information**

Waste must be disposed of in accordance with federal, state and local environmental control regulations. Consult your local or regional authorities for additional information.

Waste Stream Non-hazardous waste

Section 14. Transport Information

Regulatory information	UN number	Proper shipping name	Classes	PG*	Label
DOT Classification	None.	Not a DOT controlled material (United States).			
IMDG Class	Not determined.				

NOTE: DOT classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.

PG* : Packing group

Section 15. Regulatory Information**U.S. Federal Regulations**

SARA 313 toxic chemical notification and release reporting:

No products were found.

Clean Water Act (CWA) 307: No products were found.

Clean Water Act (CWA) 311: No products were found.

Clean Air Act (CAA) 112 regulated toxic substances: No products were found.

All Components of this product are listed or exempt from listing on TSCA Inventory.

State Regulations

California Prop 65 No products were found.

Section 16. Other Information

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

*NOTE: Hazard Determination System (HDS) ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although these ratings are not required on MSDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HDS ratings are to be used with a fully implemented program to relay the meanings of this scale.

Material Safety Data Sheet



Superior Solutions

Zep Inc.
1310 Seaboard Industrial Blvd.
Atlanta, GA 30318
1-877-I-BUY-ZEP (428-9937)
www.zep.com

Section 1. Chemical Product and Company Identification

Product name CHERRY PUNCH
Product use Liquid Hand Cleaner
Product code 0890
Date of issue 07/18/08 **Supersedes** 04/14/03

Emergency Telephone Numbers

For MSDS Information:
Compliance Services 1-877-I-BUY-ZEP (428-9937)

For Medical Emergency
INFOTRAC: (877) 541-2016 Toll Free - All Calls Recorded

For Transportation Emergency
CHEMTREC: (800) 424-9300 - All Calls Recorded
In the District of Columbia (202) 483-7616

Prepared By

Compliance Services
1420 Seaboard Industrial Blvd.
Atlanta, GA 30318

ADVANCED AUTO PROS
2527 8TH AVE
GREELEY CO 80631-8409

Printing date: 11/04/08

Section 2. Hazards Identification

Emergency overview

CAUTION

MAY CAUSE EYE IRRITATION.

NOTE: MSDS data pertains to the product as delivered in the original shipping container(s). Risk of adverse effects are lessened by following all prescribed safety precautions, including the use of proper personal protective equipment.

*Hazard Determination System (HDS): Health, Flammability, Reactivity



Acute Effects

Routes of Entry

Not applicable.

Eyes May cause eye irritation. Inflammation of the eye is characterized by redness, watering and itching.

Skin No known acute effects of this product resulting from skin contact.

Inhalation No known acute effects of this product resulting from inhalation.

Ingestion Ingestion may cause gastrointestinal irritation and diarrhea.

Chronic effects

Prolonged or repeated contact may dry skin and cause irritation. Over-exposure by inhalation may cause respiratory irritation.

Ingredients: Not listed as carcinogen by OSHA, NTP or IARC.

Additional Information: See Toxicological Information (Section 11)

Section 3. Composition/Information on Ingredients

ISOPARAFFINIC SOLVENT; hydrotreated light distillate (petroleum)	64741-73-7	25 - 35
C12-C14 ETHOXYLATED ALCOHOLS	68551-12-2	1 - 10
MINERAL OIL; petrolatum; mineral oil, white.	8042-47-5	1 - 5

Section 4. First Aid Measures

Eye Contact Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.

Skin Contact This product is formulated for use on the skin, but should always be immediately rinsed off with plenty of water. Get medical attention if irritation develops.

Inhalation If inhaled, remove to fresh air. If irritation persists, get medical attention.

Ingestion Aspiration hazard if swallowed. Can enter lungs and cause damage. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Never give anything by mouth to an unconscious person. If affected person is conscious, give plenty of water to drink. Get medical attention immediately.

Section 5. Fire Fighting Measures

National Fire Protection Association (U.S.A.)



Flash Point	None.
Flammable Limits	Not applicable
Flammability	Non-combustible. Structure inhibits combustibility of solvent.
Fire hazard	In a fire or if heated, a pressure increase will occur and the container may burst.
Fire-Fighting Procedures	Use an extinguishing agent suitable for the surrounding fire.

Section 6. Accidental Release Measures

Spill Clean up Move containers from spill area. Dilute with water and mop up if water-soluble or absorb with an inert dry material and place in an appropriate waste disposal container.

Section 7. Handling and Storage

Handling	Avoid contact with eyes. Do not ingest. Wash contaminated clothing before reusing. Do not reuse container.
Storage	Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Store between the following temperatures: 40°F - 120°F (4.4°C - 49°C). Keep out of the reach of children.

Section 8. Exposure Controls/Personal Protection**Product name**

ISOPARAFFINIC SOLVENT; hydrotreated light distillate (petroleum)
MINERAL OIL; petrolatum; mineral oil, white.

Exposure limits

NIOSH REL (United States).
TWA: 1200 mg/m³ Form: Vapor
ACGIH TLV (United States). Notes: Oil Mist, if generated
TWA: 5 mg/m³ 8 hour(s). Form: Mist

Personal Protective Equipment (PPE)

Eyes	No special protection is required.
Body	No special protection is required.
Respiratory	No special ventilation requirements.

Section 9. Physical and Chemical Properties

Physical State	Liquid. [Viscous liquid.]
pH	7.0 - 8.0
Boiling Point	104.44°C (220°F)
Specific Gravity	0.96
Solubility	Emulsifies in water.

Color Red.**Odor** Pleasant. Cherry**Vapor Pressure** Not determined.**Vapor Density** Not determined.**Evaporation Rate** 1 (water = 1)**VOC (Consumer)** 0 (g/l).**Section 10. Stability and Reactivity**

Stability and Reactivity	The product is stable.
Incompatibility	Reactive or incompatible with the following materials: oxidizing materials.
Hazardous Polymerization	Will not occur.
Hazardous Decomposition Products	carbon oxides (CO, CO ₂)

Section 11. Toxicological Information**Acute Toxicity**

Product/ingredient name	Result	Species	Dose	Exposure
Isoparaffinic Solvent; Hydrotreated light distillate (petroleum)	LD50 Dermal	Rabbit	>2000 mg/kg	-
	LD50 Oral	Rat	>2000 mg/kg	-

Section 12. Ecological Information

Environmental Effects No known significant effects or critical hazards.

Aquatic Ecotoxicity

Not available.

Section 13. Disposal Considerations**Waste Information**

Waste must be disposed of in accordance with federal, state and local environmental control regulations. Consult your local or regional authorities for additional information.

Waste Stream Code: - (None.)

Classification: - (Non-hazardous waste)

Section 14. Transport Information

Regulatory information	UN number	Proper shipping name	Classes	PG*	Label
DOT Classification	Not regulated.	Not a DOT controlled material (United States).			
IMDG Class	Not determined.				

NOTE: DOT classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.

PG* : Packing group

Section 15. Regulatory Information**U.S. Federal Regulations**

SARA 313 toxic chemical notification and release reporting:

No products were found.

Clean Water Act (CWA) 307: No products were found.

Clean Water Act (CWA) 311: No products were found.

Clean Air Act (CAA) 112 regulated toxic substances: No products were found.

All Components of this product are listed or exempt from listing on TSCA Inventory.

State Regulations

California Prop 65 No products were found.

Section 16. Other Information

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

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ZEP Manufacturing Company
 Acuity Specialty Products Group, Inc.
 P.O. Box 2015
 Atlanta, GA 30301
 1-877-I-BUY-ZEP (428-9937)
 www.zep.com

Material Safety Data Sheet and Safe Handling and Disposal Information

Section 1. Chemical Product and Company Identification

Product name SHELL SHOCK
 (GreenLink)
Product Use Heavy Duty Hand Cleaner
Product Code 0849
Date of issue 03/13/07 **Supersedes**
Emergency Telephone Numbers For MSDS Information:
 Acuity Specialty Products Group, Inc.
 Compliance Services 1-877-I-BUY-ZEP (428-9937)

00555 B342
 ADVANCED AUTO PROS
 2527 8TH AVE
 GREELEY CO 80631-8409

For Medical Emergency
 INFOTRAC:
 (877) 541-2016 Toll Free - All Calls Recorded

For a Transportation Emergency
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 (800) 424-9300 - All Calls Recorded
 In the District of Columbia (202) 483-7616

Printing date: 08/03/07

Prepared by Compliance Services Group
 Acuity Specialty Products Group
 1420 Seaboard Industrial Blvd.
 Atlanta, GA 30318

Section 2. Composition, Information on Ingredients

Name of Hazardous Ingredients	CAS #	% by Weight	Exposure Limits
ALKYL (C16-C18) METHYL ESTERS	67784-80-9	20 - 30	Not established

Section 3. Hazards Identification

Acute Effects **Routes of Entry** Not applicable.
Skin May cause sensitization by skin contact. May cause allergic reactions to certain individuals.
Eyes May cause eye irritation. Inflammation of the eye is characterized by redness, watering, and itching.
Inhalation Inhalation not likely under normal use conditions.
Ingestion Low toxicity for humans or animals. May cause mild gastric irritation, abdominal spasms, nausea and faintness.

HMIS	
Health	0
Flammability	0
Reactivity	0
Personal Protection	N/A

NOTE: MSDS data pertains to the product as delivered in the original shipping container(s). Risk of adverse health effects are lessened by following all prescribed safety precautions, including use of proper personal protective equipment.

Carcinogenic Effects Ingredients: Not listed as carcinogen by OSHA, NTP or IARC.
Chronic Effects There is no known effect from chronic exposure to this product.
 See Toxicological Information (section 11)

Section 4. First Aid Measures

Eye Contact Flush with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention.
Skin Contact This product is formulated for use on the skin, but should be rinsed off with plenty of water.
Inhalation Inhalation not likely under normal use conditions.
Ingestion If swallowed, do not induce vomiting unless directed to do so by medical personnel. Call medical attendant, medical doctor, or poison control center.

Section 5. Fire Fighting Measures

Flash Point Not determined. **Flammable Limits** Not applicable.
Flammability Non combustible.
Fire Hazard Not applicable.
Fire-Fighting Procedures Use DRY chemicals, CO₂, water spray or foam.



Section 6. Accidental Release Measures

Spill Clean up Absorb with an inert material and put the spilled material in an appropriate waste disposal. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

Section 7. Handling and Storage

Handling Avoid contact with eyes.

Storage Keep container tightly closed. Keep container in a cool, well-ventilated area. Store between 40°F - 120°F. Keep out of the reach of children.

Section 8. Exposure Controls, Personal Protection**Personal Protection****Protective Clothing (Pictograms)**

Eyes No special protection is required.

Body No special protective clothing is required.

Respiratory No special protection is required.

Section 9. Physical and Chemical Properties

Physical State Liquid. (Gel)

Color Opaque. Brownish.

pH 7.0 - 9.0

Odor Apple - Cinnamon

Boiling Point Not available.

Vapor Pressure Not available.

Specific Gravity 1.024 (Water = 1)

Vapor Density Not determined.

Solubility Emulsifies in water.

Evaporation Rate Not determined.

VOC (Consumer) 0 (g/l).

Section 10. Stability and Reactivity

Stability and Reactivity The product is stable.

Incompatibility No incompatible product according to our database.

Hazardous Polymerization Will not occur.

Hazardous Decomposition Products carbon oxides (CO, CO₂) nitrogen oxides (NO, NO₂...)

Section 11. Toxicological Information

Toxicity to Animals Alkyl Methyl Esters:
ORAL (LD50): Acute: >15000 mg/kg [Rat].

Section 12. Ecological Information

Ecotoxicity Not available.

Biodegradable/OECD Not available.

Section 13. Disposal Considerations

Waste Waste must be disposed of in accordance with federal, state and local environmental control regulations. **Waste Stream** Code: - (None.)
Classification: - (Non-hazardous waste)

Consult your local or regional authorities.

Section 14. Transport Information

Proper shipping name Not applicable.

DOT Classification Not a DOT controlled material (United States).

UN number Not regulated.

NOTE: DOT classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.

Section 15. Regulatory Information

U.S. Federal Regulations SARA 313 toxic chemical notification and release reporting:
No products were found.
Clean Water Act (CWA) 311: No products were found.
Clean air act (CAA) 112 regulated toxic substances: No products were found.
All Components of this product are listed or exempt from listing on TSCA inventory.

State Regulations California prop. 65: No products were found.

Section 16. Other Information

*To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.
Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution.
Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.*



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 www.zep.com

Material Safety Data Sheet and Safe Handling and Disposal Information

Section 1. Chemical Product and Company Identification

Product name ZEP 70
Product Use Aerosol Lubricant
Product Code 0030
Date of issue 06/14/06 **Supersedes**

Emergency Telephone Numbers For MSDS Information:
 Acuity Specialty Products Group, Inc.
 Compliance Services 1-877-I-BUY-ZEP (428-9937)

For Medical Emergency
 INFOTRAC:
 (877) 541-2016 Toll Free - All Calls Recorded

For a Transportation Emergency
 CHEMTREC:
 (800) 424-9300 - All Calls Recorded
 In the District of Columbia (202) 483-7616

Prepared by Compliance Services Group
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 1420 Seaboard Industrial Blvd.
 Atlanta, GA 30318

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 2527 8TH AVE
 GREELEY CO 80631-8409

Printing date: 10/03/06

Section 2. Composition, Information on Ingredients

Name of Hazardous Ingredients	CAS #	% by Weight	Exposure Limits
ALKYL (C16-C18) METHYL ESTERS BLEND OF ISOBUTANE & PROPANE	67784-80-9 74-98-6; 75-28-5	60 - 70 10 - 20	Not established ACGIH TLV (United States). TWA: 800 ppm 8 hour(s). OSHA PEL (United States). TWA: 1000 ppm 8 hour(s).

Section 3. Hazards Identification

Acute Effects **Routes of Entry** Skin contact. Inhalation.

Skin Causes skin irritation. Skin inflammation is characterized by itching, scaling, or reddening. Sensitizer for skin. May cause allergic reactions to certain individuals.

Eyes Causes eye irritation. Inflammation of the eye is characterized by redness, watering, and itching.

Inhalation High vapor concentrations can cause irritation to mucous membranes and upper respiratory tract.

Ingestion Unlikely in this form.

HMIS

	1
	3
Reactivity	0
Personal Protection	B

NOTE: MSDS data pertains to the product as delivered in the original shipping container(s). Risk of adverse health effects are lessened by following all prescribed safety precautions, including use of proper personal protective equipment.

Carcinogenic Effects Ingredients: Not listed as carcinogen by OSHA, NTP or IARC.

Chronic Effects Prolonged or repeated contact may dry skin and cause irritation.

See Toxicological Information (section 11)

Section 4. First Aid Measures

Eye Contact In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation develops.

Skin Contact Wash with soap and water. Get medical attention if irritation develops.

Inhalation If inhaled, remove to fresh air. If irritation persists, get medical attention.

Ingestion Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If affected person is conscious, give plenty of water to drink. Get medical attention immediately.

Section 5. Fire Fighting Measures

Flash Point Not applicable. **Flammable Limits** Not applicable.

Flammability Flammable Aerosol. (CSMA)

Fire Hazard Container explosion may occur under fire conditions or when heated. Cool closed containers exposed to fire with water. Rags, steel wool or other wastes soaked with product may spontaneously catch fire if improperly discarded.

Fire-Fighting Procedures Use DRY chemicals, CO₂, water spray or foam. Wear special protective clothing and positive pressure, self-contained breathing apparatus.

**Section 6. Accidental Release Measures**

Spill Clean up Large spills are unlikely due to packaging.

Section 7. Handling and Storage

Handling Keep away from heat, sparks and flame. Avoid contact with eyes, skin and clothing. Avoid breathing vapors or spray mists. Use only with adequate ventilation. Wash contaminated clothing before reusing.

Storage Store and use away from heat, sparks, open flame, or any other ignition source. Keep away from heat and direct sunlight. Rags, steel wool or other wastes soaked with product may spontaneously catch fire if improperly discarded. Keep container in a cool, well-ventilated area. Do not store above 49°C (120.2°F). Do not puncture or incinerate. Keep out of the reach of children.

Section 8. Exposure Controls, Personal Protection**Personal Protection****Protective Clothing (Pictograms)**

Eyes Safety glasses.

Body Chemical resistant gloves. (neoprene, nitrile)

Respiratory Use with adequate ventilation. Avoid breathing vapors or spray mists.

**Section 9. Physical and Chemical Properties**

Physical State	Liquid. (Aerosol.)	Color	Brown.
pH	Not applicable.	Odor	Pleasant.
Boiling Point	>315°C (600°F)	Vapor Pressure	Not available.
Specific Gravity	0.891 (Water = 1)	Vapor Density	Not determined.
Solubility	Emulsifies in water.	Evaporation Rate	Not determined.
		VOC (Consumer)	15.1% 1.1 (lb/gal) 134 (g/l).

Section 10. Stability and Reactivity

Stability and Reactivity The product is stable.

Incompatibility Avoid contact with strong oxidizers, excessive heat, sparks or open flame. Incompatible with some strong acids.

Hazardous Polymerization Will not occur.

Hazardous Decomposition Products Carbon Dioxide, Carbon Monoxide, methanol and other organic materials.

Section 11. Toxicological Information

Toxicity to Animals Alkyl Methyl Esters:
ORAL (LD50): Acute: >15000 mg/kg [Rat].

Section 12. Ecological Information

Ecotoxicity Not available.

Biodegradable/OECD Not available.

Section 13. Disposal Considerations

Waste Information Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Waste Stream Code: D001
Classification: - (Hazardous waste.)
Origin: - (RCRA waste.)

Consult your local or regional authorities.

Section 14. Transport Information

Proper shipping name Consumer Commodity

DOT Classification ORM-D **UN number** Not applicable

NOTE: DOT classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.

Section 15. Regulatory Information**U.S. Federal Regulations**

SARA 313 toxic chemical notification and release reporting:

No products were found.

Clean Water Act (CWA) 311: No products were found.

Clean air act (CAA) 112 regulated toxic substances: No products were found.

All Components of this product are listed or exempt from listing on TSCA inventory.

Section 16. Other Information

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.



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Material Safety Data Sheet and Safe Handling and Disposal Information

Section 1. Chemical Product and Company Identification

Product name ZEP METER MIST GREEN APPLE
Product Use Aerosol Odor Counteractant
Product Code 3318
Date of issue 04/25/05 **Supersedes** 02/12/99

Emergency For MSDS Information:

Telephone Numbers Acuity Specialty Products Group, Inc.
 Compliance Services 1-877-I-BUY-ZEP (428-9937)

For Medical Emergency

INFOTRAC:
 (877) 541-2016 Toll Free - All Calls Recorded

For a Transportation Emergency

CHEMTREC:
 (800) 424-9300 - All Calls Recorded
 In the District of Columbia (202) 483-7616

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Printing date: 10/03/06

Section 2. Composition, Information on Ingredients

Name of Hazardous Ingredients	CAS #	% by Weight	Exposure Limits
ACETONE; dimethyl ketone	67-64-1	55-65	OSHA PEL (United States). TWA: 1000 ppm 8 hour(s). ACGIH (United States). STEL: 750 ppm 15 minute(s). Not established
2-(2-ETHOXYETHOXY)-ETHANOL; diethylene glycol monoethyl ether, ethoxydiglycol	111-90-0	<10	ACGIH TLV (United States). TWA: 1000 ppm 8 hour(s). OSHA PEL (United States). TWA: 1000 ppm 8 hour(s). ACGIH TLV (United States). : 800 ppm 8 hour(s). OSHA PEL (United States). TWA: 1000 ppm 8 hour(s).
ETHANOL; ethyl alcohol; grain alcohol	64-17-5	<10	
PROPANE; liquefied petroleum gas	68476-85-7	20-30	

Section 3. Hazards Identification

Acute Effects

Routes of Entry Eye contact. Inhalation.

Skin Non-irritating under recommended conditions of use. Prolonged or repeated contact may dry skin and cause irritation.

Eyes Direct contact may cause irritation and redness.

Inhalation Non-irritating under recommended conditions of use. Overexposure by inhalation may cause respiratory irritation.

Ingestion Unlikely in this form.

NOTE: MSDS data pertains to the product as delivered in the original shipping container(s). Risk of adverse health effects are lessened by following all prescribed safety precautions, including use of proper personal protective equipment.

HMIS	
	1
	1
Reactivity	0
Personal Protection	N/A

Carcinogenic Effects Ingredients: Not listed as carcinogen by OSHA, NTP or IARC.

Chronic Effects No known chronic effects from exposure.

See Toxicological Information (section 11)

Section 4. First Aid Measures

Eye Contact Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Get medical attention.

Skin Contact Wash with soap and water. If irritation persists, get medical attention.

Inhalation If inhaled, remove to fresh air. If irritation persists, get medical attention.

Ingestion Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention if symptoms appear.

Section 5. Fire Fighting Measures

Flash Point Non-flammable (CSMA) **Flammable Limits** Not applicable.
Flammability Not applicable.
Fire Hazard CONTENTS UNDER PRESSURE. Container explosion may occur under fire conditions or when heated.
Fire-Fighting Procedures Use DRY chemicals, CO₂, water spray or foam. Cool closed containers exposed to fire with water.


**Section 6. Accidental Release Measures**

Spill Clean up Spills are unlikely due to packaging.

Section 7. Handling and Storage

Handling Avoid breathing vapors or spray mists. Avoid contact with eyes. Wash thoroughly after handling.
Storage Do not puncture, incinerate, or store the container at temperatures above 49°C (120°F) or in direct sunlight. Keep away from food, drink and animal feeding stuffs. Keep out of the reach of children.

Section 8. Exposure Controls, Personal Protection**Personal Protection****Protective Clothing (Pictograms)**

Eyes Recommended: Safety glasses. 
Body No special protective clothing is required.
Respiratory Avoid direct inhalation of spray.

Section 9. Physical and Chemical Properties

Physical State	Liquid. (Aerosol.)	Color	Colorless.
pH	Not applicable	Odor	Apple-like.
Boiling Point	55.6°C (132°F)	Vapor Pressure	Not determined.
Specific Gravity	0.75 (Water = 1)	Vapor Density	Not determined.
Solubility	Partially soluble in water.	Evaporation Rate	Not determined.
		VOC (Consumer)	29.8% 1.9 (lb/gal) 223(g/l).

Section 10. Stability and Reactivity

Stability and Reactivity The product is stable.
Incompatibility None identified.
Hazardous Polymerization Will not occur.
Hazardous Decomposition Products Carbon oxides (CO, CO₂) and unspecified organic materials.

Section 11. Toxicological Information

Toxicity to Animals Not applicable.

Section 12. Ecological Information

Ecotoxicity Not available.
Biodegradable/OECD Not available.

Section 13. Disposal Considerations

Waste Information Waste must be disposed of in accordance with federal, state and local environmental control regulations. **Waste Stream** Code: - (Not applicable.)
 Classification: - (Non-hazardous waste)
 Consult your local or regional authorities.

Section 14. Transport Information

Proper shipping name Consumer Commodity
DOT Classification ORM-D **UN number** Not applicable

NOTE: DOT classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.

Section 15. Regulatory Information

U.S. Federal Regulations SARA 313 toxic chemical notification and release reporting:
 Diethylene Glycol Monoethyl Ether (Glycol Ethers)
 Clean Water Act (CWA) 311: No products were found.
 Clean air act (CAA) 112 regulated toxic substances: Diethylene Glycol Monoethyl Ether
 All Components of this product are listed or exempt from listing on TSCA inventory.

Section 16. Other Information

*To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.
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Material Safety Data Sheet and Safe Handling and Disposal Information

Section 1. Chemical Product and Company Identification

Product name ZEP METER MIST MANDARIN
ORANGE
Product Use Aerosol Odor Counteractant
Product Code 3330
Date of issue 04/25/05 **Supersedes** 02/01/99

ADVANCED AUTO PROS
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 GREELEY CO 80631-8409

Emergency Telephone Numbers For MSDS Information:
 Acuity Specialty Products Group, Inc.
 Compliance Services 1-877-1-BUY-ZEP (428-9937)

For Medical Emergency
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 (877) 541-2016 Toll Free - All Calls Recorded

For a Transportation Emergency
 CHEMTREC:
 (800) 424-9300 - All Calls Recorded
 In the District of Columbia (202) 483-7616

Printing date: 10/03/06

Prepared by Compliance Services Group
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Section 2. Composition, Information on Ingredients

Name of Hazardous Ingredients	CAS #	% by Weight	Exposure Limits
ACETONE; dimethyl ketone	67-64-1	55-65	OSHA PEL (United States). TWA: 1000 ppm 8 hour(s). ACGIH (United States). STEL: 750 ppm 15 minute(s). Not established
2-(2-ETHOXYETHOXY)-ETHANOL; diethylene glycol monoethyl ether, ethoxydiglycol	111-90-0	<10	
ETHANOL; ethyl alcohol; grain alcohol	64-17-5	<10	ACGIH TLV (United States). TWA: 1000 ppm 8 hour(s). OSHA PEL (United States). TWA: 1000 ppm 8 hour(s).
PROPANE; liquefied petroleum gas	68476-85-7	20-30	ACGIH TLV (United States). : 800 ppm 8 hour(s). OSHA PEL (United States). TWA: 1000 ppm 8 hour(s).

Section 3. Hazards Identification

Acute Effects **Routes of Entry** Eye contact. Inhalation.
Skin Non-irritating under recommended conditions of use. Prolonged or repeated contact may dry skin and cause irritation.
Eyes Direct contact may cause irritation and redness.
Inhalation Non-irritating under recommended conditions of use. Overexposure by inhalation may cause respiratory irritation.
Ingestion Unlikely in this form.

HMIS	
Health	1
Physical	1
Reactivity	0
Personal Protection	N/A

NOTE: MSDS data pertains to the product as delivered in the original shipping container(s). Risk of adverse health effects are lessened by following all prescribed safety precautions, including use of proper personal protective equipment.

Carcinogenic Effects Ingredients: Not listed as carcinogen by OSHA, NTP or IARC.

Chronic Effects No known chronic effects from exposure.

See Toxicological Information (section 11)

Section 4. First Aid Measures

Eye Contact Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Get medical attention.
Skin Contact Wash with soap and water. If irritation persists, get medical attention.
Inhalation If inhaled, remove to fresh air. If irritation persists, get medical attention.
Ingestion Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention if symptoms appear.

Section 5. Fire Fighting Measures

Flash Point Non-flammable (CSMA) **Flammable Limits** Not applicable.

Flammability Not applicable.

Fire Hazard CONTENTS UNDER PRESSURE. Container explosion may occur under fire conditions or when heated.

Fire-Fighting Procedures Use DRY chemicals, CO₂, water spray or foam. Cool closed containers exposed to fire with water.

**Section 6. Accidental Release Measures**

Spill Clean up Spills are unlikely due to packaging.

Section 7. Handling and Storage

Handling Avoid breathing vapors or spray mists. Avoid contact with eyes. Wash thoroughly after handling.

Storage Do not puncture, incinerate, or store the container at temperatures above 49°C (120°F) or in direct sunlight. Keep away from food, drink and animal feeding stuffs. Keep out of the reach of children.

Section 8. Exposure Controls, Personal Protection

Personal Protection **Protective Clothing (Pictograms)**

Eyes Recommended: Safety glasses. 

Body No special protective clothing is required.

Respiratory Avoid direct inhalation of spray.

Section 9. Physical and Chemical Properties

Physical State	Liquid. (Aerosol.)	Color	Colorless.
pH	Not applicable	Odor	Orange.
Boiling Point	55.6°C (132°F)	Vapor Pressure	Not determined.
Specific Gravity	0.82 (Water = 1)	Vapor Density	Not determined.
Solubility	Partially soluble in water.	Evaporation Rate	Not determined.
		VOC (Consumer)	29.8% 1.9 (lb/gal) 222.7 (g/l)

Section 10. Stability and Reactivity

Stability and Reactivity The product is stable.

Incompatibility None identified.

Hazardous Polymerization Will not occur.

Hazardous Decomposition Products Carbon oxides (CO, CO₂) and unspecified organic materials.

Section 11. Toxicological Information

Toxicity to Animals Not applicable.

Section 12. Ecological Information

Ecotoxicity Not available.

Biodegradable/OECD Not available.

Section 13. Disposal Considerations

Waste Information Waste must be disposed of in accordance with federal, state and local environmental control regulations. **Waste Stream** Code: - (Not applicable.)
Classification: - (Non-hazardous waste)

Consult your local or regional authorities.

Section 14. Transport Information

Proper shipping name Consumer Commodity

DOT Classification ORM-D **UN number** Not applicable

NOTE: DOT classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.

Section 15. Regulatory Information

U.S. Federal Regulations SARA 313 toxic chemical notification and release reporting:
Diethylene Glycol Monoethyl Ether (Glycol Ethers)
Clean Water Act (CWA) 311: No products were found.
Clean air act (CAA) 112 regulated toxic substances: Diethylene Glycol Monoethyl Ether
All Components of this product are listed or exempt from listing on TSCA inventory.

Section 16. Other Information

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.
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Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.



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Material Safety Data Sheet and Safe Handling and Disposal Information

Section 1. Chemical Product and Company Identification

Product name METER MIST ISLAND APRICOT
Product Use Aerosol Odor Counteractant
Product Code 3336
Date of issue 06/15/06 **Supersedes**

Emergency Telephone Numbers For MSDS Information:
 Acuity Specialty Products Group, Inc.
 Compliance Services 1-877-1-BUY-ZEP (428-9937)

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 (877) 541-2016 Toll Free - All Calls Recorded

For a Transportation Emergency
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 (800) 424-9300 - All Calls Recorded
 In the District of Columbia (202) 483-7616

Printing date: 10/03/06

Prepared by Compliance Services Group
 Acuity Specialty Products Group
 1420 Seaboard Industrial Blvd.
 Atlanta, GA 30318

Section 2. Composition, Information on Ingredients

Name of Hazardous Ingredients	CAS #	% by Weight	Exposure Limits
ACETONE; dimethyl ketone	67-64-1	55 - 65	ACGIH TLV / OSHA PEL (United States). TWA: 750 ppm 8 hour(s). ACGIH / OSHA (United States). STEL: 1000 ppm 15 minute(s).
ETHANOL; ethyl alcohol; grain alcohol	64-17-5	<10	ACGIH TLV / OSHA PEL (United States). TWA: 1000 ppm 8 hour(s). Not established
2-(2-ETHOXYETHOXY)-ETHANOL; diethylene glycol monoethyl ether, ethoxydiglycol	111-90-0	<10	Not established
PROPANE; liquefied petroleum gas	68476-85-7	20 - 30	ACGIH TLV (United States). : 800 ppm 8 hour(s). OSHA PEL (United States). TWA: 1000 ppm 8 hour(s).

Section 3. Hazards Identification

Acute Effects

Routes of Entry Eye contact. Inhalation.

Skin Non-irritating under recommended conditions of use. Prolonged or repeated contact may dry skin and cause irritation.

Eyes Direct contact may cause irritation and redness.

Inhalation Non-irritating under recommended conditions of use. Overexposure by inhalation may cause respiratory irritation.

Ingestion Unlikely in this form.

NOTE: MSDS data pertains to the product as delivered in the original shipping container(s). Risk of adverse health effects are lessened by following all prescribed safety precautions, including use of proper personal protective equipment.

Carcinogenic Effects

Ingredients: Not listed as carcinogen by OSHA, NTP or IARC.

Chronic Effects

Repeated or prolonged exposure to the substance can produce damage to liver and kidneys.

See Toxicological Information (section 11)

HMIS

	1
	1
Reactivity	0
Personal Protection	N/A

Section 4. First Aid Measures

Eye Contact

Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Get medical attention.

Skin Contact

Wash with soap and water. If irritation persists, get medical attention.

Inhalation

If excessive quantities inhaled, remove to fresh air. If irritation persists, get medical attention.

Ingestion

Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention if symptoms appear.

Section 5. Fire Fighting Measures

Flash Point Non-flammable (CSMA) **Flammable Limits** Not applicable.
Flammability Not applicable.
Fire Hazard CONTENTS UNDER PRESSURE. Container explosion may occur under fire conditions or when heated.
Fire-Fighting Procedures Use DRY chemicals, CO₂, water spray or foam. Cool closed containers exposed to fire with water.

**Section 6. Accidental Release Measures**

Spill Clean up Spills are unlikely due to packaging.

Section 7. Handling and Storage

Handling Avoid breathing vapors or spray mists. Avoid contact with eyes. Wash thoroughly after handling.
Storage Do not puncture, incinerate, or store the container at temperatures above 49°C (120°F) or in direct sunlight. Keep away from food, drink and animal feeding stuffs. Keep out of the reach of children.

Section 8. Exposure Controls, Personal Protection

	Personal Protection	Protective Clothing (Pictograms)
Eyes	Recommended: Safety glasses.	
Body	No special protective clothing is required.	
Respiratory	Avoid direct inhalation of spray.	

Section 9. Physical and Chemical Properties

Physical State	Liquid. (Aerosol.)	Color	Colorless.
pH	Not applicable	Odor	Fruity.
Boiling Point	55.6°C (132°F)	Vapor Pressure	Not determined.
Specific Gravity	0.816 (Water = 1)	Vapor Density	Not determined.
Solubility	Partially soluble in water.	Evaporation Rate	Not determined.
		VOC (Consumer)	29.8% 2.0 (lb/gal) 242 (g/l).

Section 10. Stability and Reactivity

Stability and Reactivity The product is stable.
Incompatibility None identified.
Hazardous Polymerization Will not occur.
Hazardous Decomposition Products Carbon oxides (CO, CO₂) and unspecified organic materials.

Section 11. Toxicological Information

Toxicity to Animals Not applicable.

Section 12. Ecological Information

Ecotoxicity Not available.
Biodegradable/OECD Not available.

Section 13. Disposal Considerations

Waste Waste must be disposed of in accordance with federal, state and local environmental control regulations. **Waste Stream** Code: - (Not applicable.)
Information state and local environmental control regulations. **Classification:** - (Non-hazardous waste)
Consult your local or regional authorities.

Section 14. Transport Information

Proper shipping name Consumer Commodity
DOT Classification ORM-D **UN number** Not applicable

NOTE: DOT classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.

Section 15. Regulatory Information

U.S. Federal Regulations SARA 313 toxic chemical notification and release reporting:
 Diethylene Glycol Monoethyl Ether (Glycol Ethers)
 Clean Water Act (CWA) 311: No products were found.
 Clean air act (CAA) 112 regulated toxic substances: Diethylene Glycol Monoethyl Ether
 All Components of this product are listed or exempt from listing on TSCA inventory.

Section 16. Other Information

*To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.
 Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.*



ZEP Manufacturing Company
 Acuity Specialty Products Group, Inc.
 P.O. Box 2015
 Atlanta, GA 30301
 1-877-1-BUY-ZEP (428-9937)
 www.zep.com

Material Safety Data Sheet and Safe Handling and Disposal Information

Section 1. Chemical Product and Company Identification

Product name METER MIST PEAR
Product Use Odor Counteractant
Product Code 3356
Date of issue 02/03/05 **Supersedes**
Emergency Telephone Numbers For MSDS Information:
 Acuity Specialty Products Group, Inc.
 Compliance Services 1-877-1-BUY-ZEP (428-9937)

ADVANCED AUTO PROS
 2527 8TH AVE
 GREELEY CO 80631-8409

For Medical Emergency
 INFOTRAC:
 (877) 541-2016 Toll Free - All Calls Recorded

For a Transportation Emergency
 CHEMTREC:
 (800) 424-9300 - All Calls Recorded
 In the District of Columbia (202) 483-7616

Printing date: 10/03/06

Prepared by Compliance Services Group
 Acuity Specialty Products Group
 1420 Seaboard Industrial Blvd.
 Atlanta, GA 30318

Section 2. Composition, Information on Ingredients

Name of Hazardous Ingredients	CAS #	% by Weight	Exposure Limits
ACETONE; dimethyl ketone	67-64-1	55-65	OSHA PEL (United States). TWA: 1000 ppm 8 hour(s). ACGIH (United States). STEL: 750 ppm 15 minute(s). Not established
2-(2-ETHOXYETHOXY)-ETHANOL; diethylene glycol monoethyl ether, ethoxydiglycol	111-90-0	<10	ACGIH TLV (United States). TWA: 1000 ppm 8 hour(s).
ETHANOL; ethyl alcohol; grain alcohol	64-17-5	<10	OSHA PEL (United States). TWA: 1000 ppm 8 hour(s).
PROPANE; liquefied petroleum gas	68476-85-7	20-30	ACGIH TLV (United States). : 800 ppm 8 hour(s). OSHA PEL (United States). TWA: 1000 ppm 8 hour(s).

Section 3. Hazards Identification

Acute Effects

Routes of Entry Eye contact. Inhalation.

HMIS

	1
	1
Reactivity	0
Personal Protection	N/A

Skin Non-irritating under recommended conditions of use. Prolonged or repeated contact may dry skin and cause irritation.

Eyes Direct contact may cause irritation and redness.

Inhalation Non-irritating under recommended conditions of use. Overexposure by inhalation may cause respiratory irritation.

Ingestion Unlikely in this form.

NOTE: MSDS data pertains to the product as delivered in the original shipping container(s). Risk of adverse health effects are lessened by following all prescribed safety precautions, including use of proper personal protective equipment.

Carcinogenic Effects Ingredients: Not listed as carcinogen by OSHA, NTP or IARC.

Chronic Effects No known chronic effects from exposure.

See Toxicological Information (section 11)

Section 4. First Aid Measures

Eye Contact

Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Get medical attention.

Skin Contact

Wash with soap and water. If irritation persists, get medical attention.

Inhalation

If inhaled, remove to fresh air. If irritation persists, get medical attention.

Ingestion

Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention if symptoms appear.

Section 5. Fire Fighting Measures

Flash Point Non-flammable (CSMA) **Flammable Limits** Not applicable.

Flammability Not applicable.

Fire Hazard CONTENTS UNDER PRESSURE. Container explosion may occur under fire conditions or when heated.

Fire-Fighting Procedures Use DRY chemicals, CO₂, water spray or foam. Cool closed containers exposed to fire with water.

**Section 6. Accidental Release Measures**

Spill Clean up Spills are unlikely due to packaging.

Section 7. Handling and Storage

Handling Avoid breathing vapors or spray mists. Avoid contact with eyes. Wash thoroughly after handling.

Storage Do not puncture, incinerate, or store the container at temperatures above 49°C (120°F) or in direct sunlight. Keep away from food, drink and animal feeding stuffs. Keep out of the reach of children.

Section 8. Exposure Controls, Personal Protection

Personal Protection **Protective Clothing (Pictograms)**

Eyes Recommended: Safety glasses. 

Body No special protective clothing is required.

Respiratory Avoid direct inhalation of spray.

Section 9. Physical and Chemical Properties

Physical State Liquid. (Aerosol.)	Color Colorless.
pH Not applicable	Odor Pleasant. Pear.
Boiling Point 55.6°C (132°F)	Vapor Pressure Not determined.
Specific Gravity 0.804 (Water = 1)	Vapor Density Not determined.
Solubility Partially soluble in water.	Evaporation Rate Not determined.
	VOC (Consumer) 29.8% 2.0 (lb/gal) 239 (g/l).

Section 10. Stability and Reactivity

Stability and Reactivity The product is stable.

Incompatibility None identified.

Hazardous Polymerization Will not occur.

Hazardous Decomposition Products Carbon oxides (CO, CO₂) and unspecified organic materials.

Section 11. Toxicological Information

Toxicity to Animals Not applicable.

Section 12. Ecological Information

Ecotoxicity Not available.

Biodegradable/OECD Not available.

Section 13. Disposal Considerations

Waste Waste must be disposed of in accordance with federal, state and local environmental control regulations. **Waste Stream** Code: - (Not applicable.)
Classification: - (Non-hazardous waste)

Information

Consult your local or regional authorities.

Section 14. Transport Information

Proper shipping name Consumer Commodity

DOT Classification ORM-D **UN number** Not applicable

NOTE: DOT classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.

Section 15. Regulatory Information

U.S. Federal Regulations SARA 313 toxic chemical notification and release reporting:
Diethylene Glycol Monoethyl Ether (Glycol Ethers)

Clean Water Act (CWA) 311: No products were found.

Clean air act (CAA) 112 regulated toxic substances: Diethylene Glycol Monoethyl Ether

All Components of this product are listed or exempt from listing on TSCA inventory.

Section 16. Other Information

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

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Premium (High) Vacuum Pump Oil**Material Safety Data Sheet**

SPX Corporation
655 Eisenhower Drive
Owatonna, MN 55060-0995 USA

MSDS No. 907020
Revision Date 02/12/2003

Hazard Rankings

	HMIS	NFPA
Health Hazard	0	0
Fire Hazard	1	1
Reactivity	0	0

* = Chronic Health Hazard

Protective Equipment

Minimum Recommended
See Section 8 for Details



IMPORTANT: Read this MSDS before handling or disposing of this product and pass this information on to employees, customers and users of this product.

Emergency Overview

Physical State Liquid.
Color Clear to light amber. **Odor** Mild petroleum odor
Protect eyes from misting or spraying material.
Protect exposed skin from repeated or prolonged exposure.
Do not store material in open or unmarked containers.
Spills may create a slipping hazard.

SECTION 1: IDENTIFICATION

Trade Name	Premium (High) Vacuum Pump Oil	Technical Contact	(800) 248-4684
Product Number	13119, 13203, 13204	Medical Emergency	(918) 495-4700
CAS Number	Mixture	CHEMTREC Emergency (United States Only)	(800) 424-9300
Product Family	Lubricating oil		
Synonyms	Lubricating oil		

SECTION 2: COMPOSITION

Component Name(s)	CAS Registry No.	Concentration (%)
1) Distillates, petroleum, solvent-refined heavy paraffinic	64741-88-4	100

SECTION 3: HAZARDS IDENTIFICATION

Also see Emergency Overview and Hazard Ratings on the top of Page 1 of this MSDS.

Major Route(s) of Entry Skin contact.

Signs and Symptoms of Acute Exposure

Inhalation	No significant adverse health effects are expected to occur upon short-term exposure.
Eye Contact	This product can cause transient mild eye irritation with short-term contact with liquid sprays or mists.
Skin Contact	This material can cause mild skin irritation from prolonged or repeated skin contact. Injection under the skin can cause inflammation and swelling. Injection of pressurized hydrocarbons can cause severe, permanent tissue damage. Initial symptoms may be minor. Injection of petroleum hydrocarbons requires immediate medical attention.

MATERIAL SAFETY DATA SHEET

Page 1 of 7
Revised 1/17/01
Replaces 4/27/00
Printed 2/06/01

EMKARATE RL 22H
UNIQEMA
MSDS ID: 807286

1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Material Name:
EMKARATE(TM) RL 22H

Uniqema
Uniqema Corporate Center
1000 Uniqema Boulevard
New Castle, DE 19720-2790
Uniqema Operator (24 hr.): (302) 574-5000
Medical Emergency (24 hr.): (888) 456-6218
Chemical Emergency (24 hr.) - Involving Transportation
Spills, Leaks, Fires, or Accidents: (800) 424-9300

Uniqema is an international business of Imperial Chemical Industries PLC. Uniqema Operates through ICI affiliated companies in the relevant countries, such as ICI Americas Inc., Unichema, a division of Indopco Inc., and Mona Industries in the USA.

2 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	OSHA PEL
Polyol ester	Not listed
Additive (NJTSRN 08306620-5804P)	Not listed

Ingredients not precisely identified are proprietary or nonhazardous.

Values are not product specifications.

3 HAZARDS IDENTIFICATION

General:

No toxicity information is available on this specific preparation; this health hazard assessment is based on information that is available on the properties of its components.

Emergency Overview:

Appearance: Clear light yellow liquid, mild odor
REPEATED/PROLONGED CONTACT MAY CAUSE SKIN IRRITATION. HIGH
CONCENTRATIONS OF MISTS MAY CAUSE RESPIRATORY TRACT IRRITATION.

Routes of exposure: Eye contact; Skin contact; Inhalation



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www.zep.com

Material Safety Data Sheet and Safe Handling and Disposal Information

Section 1. Chemical Product and Company Identification

Product name Z-MAXX BRAKE WASH
Product Use Non-Chlorinated Brake Parts Cleaner
Product Code 0666
Date of issue 09/22/05 **Supersedes**

Emergency Telephone Numbers For MSDS Information:
Acuity Specialty Products Group, Inc.
Compliance Services 1-877-I-BUY-ZEP (428-9937)

For Medical Emergency
INFOTRAC:
(877) 541-2016 Toll Free - All Calls Recorded

For a Transportation Emergency
CHEMTREC:
(800) 424-9300 - All Calls Recorded
In the District of Columbia (202) 483-7616

Prepared by Compliance Services Group
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00450

B342

ADVANCED AUTO PROS
2527 8TH AVE
GREELEY CO 80631-8409

Printing date: 01/23/06

Section 2. Composition, Information on Ingredients

Name of Hazardous Ingredients	CAS #	% by Weight	Exposure Limits
HEPTANE: n-heptane	142-82-5	>95	OSHA PEL (United States). TWA: 400 ppm 8 hour(s). ACGIH/OSHA (United States). STEL: 500 ppm 15 minute(s).

Section 3. Hazards Identification

HMIS

	1
	4
Reactivity	0
Personal Protection	n, p

Acute Effects

Routes of Entry Inhalation. Absorbed through skin.

Skin Hazardous in case of skin contact (irritant, permeator). Skin inflammation is characterized by itching, scaling, or reddening. Product may be dermally absorbed. Defatting properties, may aggravate an existing dermatitis.

Eyes Hazardous in case of eye contact (irritant). Inflammation of the eye is characterized by redness, watering, and itching.

Inhalation Hazardous in case of inhalation (lung irritant). Over-exposure by inhalation may cause respiratory irritation. Can cause central nervous system depression. Symptoms and signs include headaches, dizziness, fatigue, muscular weakness, drowsiness and, in extreme cases, loss of consciousness. Medical Conditions Aggravated by Overexposure: Respiratory, Heart (Cardiac).

Ingestion Harmful if swallowed. Aspiration hazard if swallowed- can enter lungs and cause damage. Vomiting increases risk of chemical pneumonia.

NOTE: MSDS data pertains to the product as delivered in the original shipping container(s). Risk of adverse health effects are lessened by following all prescribed safety precautions, including use of proper personal protective equipment.

Carcinogenic Effects

Ingredients: Not listed as carcinogen by OSHA, NTP or IARC.

Chronic Effects

Prolonged skin contact may cause dermatitis with drying and cracking of skin. Over-exposure by inhalation may adversely affect persons with heart (cardiac) medical conditions. Repeated or prolonged exposure to the substance can produce damage to central nervous system, kidneys, liver, lungs and brain.

See Toxicological Information (section 11)

Section 4. First Aid Measures

Eye Contact

Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.

Skin Contact

Wash contaminated skin with soap and water. Remove contaminated clothing and shoes. Get medical attention if irritation develops.

Inhalation

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Ingestion Aspiration hazard if swallowed- can enter lungs and cause damage. Do NOT induce vomiting unless directed to do so by medical personnel. If vomiting occurs, keep head lower than hips to help prevent aspiration. NEVER give an unconscious person anything to ingest. Get medical attention immediately.

Section 5. Fire Fighting Measures

Flash Point Closed cup: <-18°C (<0°F) (Tagliabue.) **Flammable Limits** LOWER: 1.2% UPPER: 6.7%

Flammability Extremely flammable in presence of open flames, sparks and static discharge, of heat, of oxidizing materials.

Fire Hazard Extremely flammable liquid and vapor. Vapor may cause flash fire. Vapors may accumulate in low or confined areas, travel considerable distance to source of ignition and flash back.

Fire-Fighting Procedures Use dry chemical or CO₂. Wear special protective clothing and positive pressure, self-contained breathing apparatus. Cool containing vessels with flooding quantities of water until well after fire is out.



Section 6. Accidental Release Measures

Spill Clean up Eliminate all ignition sources. Put on appropriate personal protective equipment (see Section 8). Absorb with an inert material and place in an appropriate waste disposal container. To clean the floor and all objects contaminated by this material, use detergent. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

Section 7. Handling and Storage

Handling Extremely flammable liquid and vapor. Store and use away from heat, sparks, open flame, or any other ignition source. To avoid fire or explosion, dissipate static electricity during transfer by grounding and bonding containers and equipment before transferring material. Avoid breathing vapors or spray mists. Use only with adequate ventilation. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Wash contaminated clothing before reusing.

Storage Avoid all possible sources of ignition (spark or flame). Store in a segregated and approved area. Keep container in a cool, well-ventilated area. Keep container tightly closed and sealed until ready for use. Store between 40°F - 120°F Keep out of the reach of children.

Section 8. Exposure Controls, Personal Protection

Personal Protection

Protective Clothing (Pictograms)

Eyes Splash goggles.

Body Chemical resistant gloves.(Viton, Nitrile, Neoprene)

Respiratory Use with adequate ventilation. Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Wear appropriate respirator when ventilation is inadequate. Approved/certified respirator with organic vapor cartridges.



Section 9. Physical and Chemical Properties

Physical State Liquid. **Color** Clear

pH Not applicable. **Odor** Hydrocarbon. (Slight.)

Boiling Point 64°C (147.2°F) **Vapor Pressure** 17.9 kPa (134 mmHg) (at 20°C)

Specific Gravity 0.68 (Water = 1) **Vapor Density** 3 (Air = 1)

Solubility Insoluble in cold water, hot water. **Evaporation Rate** >1 compared to Butyl acetate.

VOC (Consumer) 678.83 (g/l). 5.66 lbs/gal
100.00%

Section 10. Stability and Reactivity

Stability and Reactivity The product is stable.

Incompatibility Avoid contact with strong oxidizers, excessive heat, sparks or open flame.

Hazardous Polymerization Will not occur.

Hazardous Decomposition Products Carbon Dioxide, Carbon Monoxide and other organic materials.

Section 11. Toxicological Information

Toxicity to Animals Not applicable.

Section 12. Ecological Information

Ecotoxicity Not available.

Biodegradable/OECD Not available.

Section 13. Disposal Considerations

Waste Information Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Waste Stream Code: D001
Classification: - (Hazardous waste.)
Origin: - (RCRA waste.)

Consult your local or regional authorities.

Section 14. Transport Information

Proper shipping name Flammable liquid, n.o.s. (Heptane)

DOT Classification Class 3: Flammable liquid. **UN number** 1993

NOTE: DOT classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.

Section 15. Regulatory Information

U.S. Federal Regulations SARA 313 toxic chemical notification and release reporting:
No products were found.

Clean Water Act (CWA) 311: No products were found.

Clean air act (CAA) 112 regulated toxic substances: No products were found.

All Components of this product are listed or exempt from listing on TSCA inventory.

Section 16. Other Information

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

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 Atlanta, GA 30301
 1-877-I-BUY-ZEP (428-9937)
 www.zep.com

Material Safety Data Sheet and Safe Handling and Disposal Information

Section 1. Chemical Product and Company Identification

Product name SUPER FLASH
Product Use Concrete Cleaner
Product Code 0794
Date of issue 11/10/05 **Supersedes** 08/02/04

Emergency For MSDS Information:

Telephone Numbers Acuity Specialty Products Group, Inc.
 Compliance Services 1-877-I-BUY-ZEP (428-9937)

For Medical Emergency

INFOTRAC:
 (877) 541-2016 Toll Free - All Calls Recorded

For a Transportation Emergency

CHEMTREC:
 (800) 424-9300 - All Calls Recorded
 In the District of Columbia (202) 483-7616

Prepared by Compliance Services Group
 Acuity Specialty Products Group
 1420 Seaboard Industrial Blvd.
 Atlanta, GA 30318



00607 B342

ADVANCED AUTO PROS
 2527 8TH AVE
 GREELEY CO 80631-8409

Printing date: 12/13/05

Section 2. Composition, Information on Ingredients

Name of Hazardous Ingredients	CAS #	% by Weight	Exposure Limits
SODIUM METASILICATE; silicic acid (H2-Si-O3) disodium salt; water glass	6834-92-0	70 - 80	ACGIH TLV (United States). TWA: 10 mg/m ³ 8 hour(s). Form: Dust OSHA PEL (United States). : 15 mg/m ³ Form: Dust
SODIUM CARBONATE; soda ash; carbonic acid, disodium salt	497-19-8	10 - 20	ACGIH (United States). : 15 mg/m ³ Form: Dust OSHA PEL (United States). TWA: 15 mg/m ³ 8 hour(s). Form: Total dust
TRISODIUM ORTHOPHOSPHATE; TSP; phosphoric acid, trisodium salt; sodium phosphate, tribasic	10101-89-0	10 - 20	ACGIH TLV (United States). TWA: 10 mg/m ³ 8 hour(s). Form: Inhalable TWA: 3 mg/m ³ 8 hour(s). Form: Respirable OSHA PEL (United States). TWA: 15 mg/m ³ 8 hour(s). Form: Total dust TWA: 5 mg/m ³ 8 hour(s). Form: Respirable

Section 3. Hazards Identification

Acute Effects

Routes of Entry

Skin Skin contact may produce burns. The amount of tissue damage depends on length of contact. Skin inflammation is characterized by itching, scaling, or reddening.

Eyes Corrosive to eyes. Direct contact with the eyes can cause irreversible damage including blindness.

Inhalation Avoid breathing dust. Inhalation of dust will produce irritation to gastro-intestinal or respiratory tract, characterized by burning, sneezing and coughing.

Ingestion May be harmful if swallowed. May cause burns to mouth, throat and stomach.

HMIS

	3
	0
Reactivity	0
Personal Protection	D,q

NOTE: MSDS data pertains to the product as delivered in the original shipping container(s). Risk of adverse health effects are lessened by following all prescribed safety precautions, including use of proper personal protective equipment.

Carcinogenic Effects

Ingredients: Not listed as carcinogen by OSHA, NTP or IARC.

Chronic Effects

The substance may be toxic to upper respiratory tract, eyes. Repeated or prolonged exposure to the substance can produce target organs damage. Repeated exposure of the eyes to a low level of dust can produce eye irritation. Repeated skin exposure can produce local skin destruction, or dermatitis. Repeated inhalation of dust can produce varying degree of respiratory irritation or lung damage. Repeated exposure to a highly toxic material may produce general deterioration of health by an accumulation in one or many human organs.

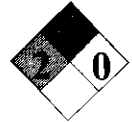
See Toxicological Information (section 11)

Section 4. First Aid Measures

Eye Contact	Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.
Skin Contact	In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Get medical attention immediately.
Inhalation	If inhaled, remove to fresh air. Flush mouth and nasal passages with water repeatedly. If irritation persists, get medical attention.
Ingestion	Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If affected person is conscious, give plenty of water to drink. Get medical attention immediately.

Section 5. Fire Fighting Measures

Flash Point	Not applicable.	Flammable Limits Not applicable.
Flammability	Not applicable.	
Fire Hazard	Not applicable.	
Fire-Fighting Procedures	No special measures required.	

**Section 6. Accidental Release Measures**

Spill Clean up	Put on appropriate personal protective equipment (see Section 8). Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.
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Section 7. Handling and Storage

Handling	Avoid contact with eyes, skin and clothing. Do not ingest. Avoid breathing dust. Use with adequate ventilation. Wash thoroughly after handling. Wash contaminated clothing before reusing. Observe label precautions.
Storage	Contains moisture sensitive material; store in a dry place. Store away from incompatible materials. Keep container tightly closed in a cool, well-ventilated place. Store between 40°F - 120°F (4.4°C - 49°C). Keep away from food, drink and animal feeding stuffs. Keep out of the reach of children.

Section 8. Exposure Controls, Personal Protection**Personal Protection**

Eyes	Splash goggles. Recommended: Face shield.	Protective Clothing (Pictograms)
Body	Wear appropriate protective clothing to prevent skin contact. Rubber gloves. Neoprene gloves. Nitrile gloves. Chemical resistant apron. Chemical resistant boots.	
Respiratory	Use with adequate ventilation. Local exhaust ventilation is preferred because it prevents contaminant dispersion into the work area by controlling it at its source. If dust is generated and ventilation is inadequate, use NIOSH certified respirator that will protect against dust/mist.	

Section 9. Physical and Chemical Properties

Physical State	Solid. (Powder.)	Color Yellowish. Orange.
pH	Not applicable.	Odor Mild.
Boiling Point	Not applicable.	Vapor Pressure Not applicable.
Specific Gravity	Not applicable.	Vapor Density Not applicable.
Solubility	Soluble in cold water, hot water.	Evaporation Rate Not applicable.
		VOC (Consumer) 0.78%

Section 10. Stability and Reactivity

Stability and Reactivity	The product is stable.
Incompatibility	Slightly reactive to reactive with metals, acids.
Hazardous Polymerization	Will not occur.
Hazardous Decomposition Products	carbon oxides (CO, CO2) and oxides of phosphorus.

Section 11. Toxicological Information

Toxicity to Animals	Sodium Metasilicate:
	ORAL (LD50): Acute: 2200 mg/kg [Rat].
	Sodium Carbonate:
	ORAL (LD50): Acute: 2800 mg/kg [Rat].
	Trisodium Orthophosphate:
	ORAL (LD50): Acute: 6500 mg/kg [Rat].
	DERMAL (LD50): Acute: >300 mg/kg [Rabbit].

Section 12. Ecological Information**Ecotoxicity** Not available.**Biodegradable/OECD** Not available.**Section 13. Disposal Considerations**

Waste Information Waste must be disposed of in accordance with federal, state and local environmental control regulations. **Waste Stream Code:** - (None.)
Classification: - (Non-hazardous waste)
Consult your local or regional authorities.

Section 14. Transport Information**Proper shipping name** Not applicable.**DOT Classification** Not a DOT controlled material (United States).**UN number** Not applicable.

NOTE: DOT classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.

Section 15. Regulatory Information

U.S. Federal Regulations SARA 313 toxic chemical notification and release reporting:
No products were found.

Clean Water Act (CWA) 311: Trisodium Orthophosphate (RQ 5,000 lbs)

Clean air act (CAA) 112 regulated toxic substances: No products were found.

All Components of this product are listed or exempt from listing on TSCA inventory.

Section 16. Other Information

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Section 5. Fire Fighting Measures

Flash Point None. **Flammable Limits** Not available.
 Flammability Non combustible.
 Fire Hazard Not applicable.
 Fire-Fighting Procedures None.


**Section 6. Accidental Release Measures**

Spill Clean up Put on appropriate personal protective equipment (see Section 8). Use appropriate tools to put the spilled solid in a convenient waste disposal container. If necessary: Flush residual spill (area) with large amount of water.

Section 7. Handling and Storage

Handling Avoid contact with skin and eyes. Avoid breathing dust. Wash thoroughly after handling. Wash contaminated clothing before reusing. Thoroughly clean shoes before reuse.
Storage Keep container tightly closed. Keep container in a cool, well-ventilated area. Keep out of the reach of children.

Section 8. Exposure Controls, Personal Protection

Personal Protection **Protective Clothing (Pictograms)**
Eyes Safety glasses with side shields. 
Body Protective gloves should be worn during handling. Rubber gloves.
Respiratory No special protection is required.

Section 9. Physical and Chemical Properties

Physical State Solid. (Deliquescent crystals solid.) **Color** White.
pH Not applicable. **Odor** Faint Odor
Boiling Point Not applicable. **Vapor Pressure** Not applicable.
Specific Gravity Not applicable. **Vapor Density** Not applicable.
Solubility 24g/100ml **Evaporation Rate** Not applicable.
VOC (Consumer) 0 (g/l).

Section 10. Stability and Reactivity

Stability and Reactivity The product is stable.
Incompatibility Reactive with: sulfuric acid.
Hazardous Polymerization Will not occur.
Hazardous Decomposition Products None.

Section 11. Toxicological Information

Toxicity to Animals Not applicable.

Section 12. Ecological Information

Ecotoxicity Not available.
Biodegradable/OECD Not available.

Section 13. Disposal Considerations

Waste Information Waste must be disposed of in accordance with federal, state and local environmental control regulations. **Waste Stream** Code: - (None.)
 Classification: - (Non-hazardous waste)
 Consult your local or regional authorities.

Section 14. Transport Information

Proper shipping name Not applicable.
DOT Classification Not a DOT controlled material (United States). **UN number** Not applicable.

Section 15. Regulatory Information

U.S. Federal Regulations SARA 313 toxic chemical notification and release reporting:
 No products were found.
 Clean Water Act (CWA) 311: No products were found.
 Clean air act (CAA) 112 regulated toxic substances: No products were found.

Section 16. Other Information

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ZEP Manufacturing Company
Acuity Specialty Products Group, Inc.
P.O. Box 2015
Atlanta, GA 30301
1-877-I-BUY-ZEP

Material Safety Data Sheet and Safe Handling and Disposal Information

Section 1. Chemical Product and Company Identification

Product name SUPER D-ICE
Product Use Ice Melt Compound
Product Code 1494
Date of issue 05/10/04 **Supersedes** 07/21/98

Emergency Telephone Numbers For MSDS Information:
 Acuity Specialty Products Group, Inc.
 Compliance Services 1-877-I-BUY-ZEP

For Medical Emergency
 INFOTRAC:
 (877) 541-2016 Toll Free - All Calls Recorded

For a Transportation Emergency
 CHEMTREC:
 (800) 424-9300 - All Calls Recorded
 In the District of Columbia (202) 483-7616

Prepared by Compliance Services Group
 Acuity Specialty Products Group
 1420 Seaboard Industrial Blvd.
 Atlanta, GA 30318

ADVANCED AUTO PROS
 2527 8TH AVE
 GREELEY CO 80631-8409

Printing date: 12/13/05

Section 2. Composition, Information on Ingredients

Name of Hazardous Ingredients	CAS #	% by Weight	Exposure Limits
CALCIUM CHLORIDE ANHYDROUS BEADS; calcium chloride	10043-52-4	>90	OSHA PEL (United States). TWA: 15 mg/m ³ 8 hour(s). Form: Total dust TWA: 5 mg/m ³ 8 hour(s). Form: Respirable dust ACGIH TLV (United States). TWA: 10 mg/m ³ 8 hour(s). Form: Total dust

Section 3. Hazards Identification

Acute Effects **Routes of Entry** Not applicable.
Skin Non-irritating under conditions of use. Non-sensitizer for skin.
Eyes Hazardous in case of eye contact (irritant). Inflammation of the eye is characterized by redness, watering, and itching.
Inhalation Dust: Over-exposure by inhalation may cause respiratory irritation.
Ingestion Not harmful if accidentally ingested in small quantities.

HMIS

Health	0
Flammability	0
Reactivity	0
Personal Protection	B

Carcinogenic Effects Ingredients: Not listed as carcinogen by OSHA, NTP or IARC.
Chronic Effects There is no known effect from chronic exposure to this product.

See Toxicological Information (section 11)

Section 4. First Aid Measures

Eye Contact Flush with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention.
Skin Contact In case of contact, immediately flush skin with plenty of water. Get medical attention if irritation develops.
Inhalation If inhaled, remove to fresh air. If irritation persists, get medical attention.
Ingestion Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Have conscious person drink several glasses of water or milk. Get medical attention immediately.

EF2Q, EF2G Date Code: CCM

SUPERCOOL

EXTRA FLUSH II

MATERIAL SAFETY DATA SHEET

Emergency Phone Number: 561-582-2245

Date: May 20, 2003.

SECTION 1

Company Name:
Address:
Phone / Fax:
Trade Name:
Chemical Name:
Chemical Family:
Formula:
CAS#:
Applications:

COMPANY IDENTIFICATION AND CHEMICAL PRODUCT

TSI
932 South Dixie Hwy, Lake Worth, FL 33460
561-582-2245 / 561-582-1499
Supercool "Extra Flush II"
Synthetic Hydrocarbon / Synthetic Terpene Hydrocarbon Blend & Cleaners
Synthetic Hydrocarbon / Synthetic Terpene Hydrocarbon Blend & Cleaners
Proprietary
Proprietary
Supercool "Extra Flush II" is used as a flushing fluid in the cleaning of refrigeration equipment.

SECTION 2

General:
FDA Statement:

COMPOSITION / INFORMATION ON INGREDIENTS

This Product is believed not to contain any toxic chemicals. The product contains No Known Carcinogens. Mixture is considered a skin and eye irritant.
N/A

SECTION 3

Appearance:
Known Hazards:

HAZARDS IDENTIFICATION

Clear liquid, Very slight yellow tint.
This Product is believed not to contain any toxic chemicals. The product contains No Known Carcinogens. Mixture is considered a skin and eye irritant.

SECTION 4

Eyes:
Skin:
Inhalation:
Ingestion:

FIRST AID MEASURES

Flush with clean, lukewarm water (low pressure) occasionally lifting eyelids. Physician assessment if eyes are inflamed.
Wash affected areas thoroughly with soap and water. Wash contaminated clothing before reuse.
Avoid breathing oil mists. Remove to fresh air. Give artificial respiration if not breathing. Oxygen may be given by qualified personnel if breathing is difficult. Get medical attention.
Do not induce vomiting. Force fluids.

SECTION 5

Flash Point:
Flammable Limits:
Auto Ignition Temp:
Fire & Explosion Hazards:
Extinguishing Media:
Fire Fighting Procedures:

FIRE FIGHTING MEASURES

125°F min
N/A
456°F Estimated
Do not cut, drill, or weld empty containers
Dry chemical foam, water spray, carbon dioxide for small fires.
Contain liquid, cover with extinguishing agent, use water spray to cool fire exposed containers and as protective screen. Do not point solid water stream directly into burning fluid to avoid spreading.

SECTION 6

Spill or Leak:

ACCIDENTAL RELEASE MEASURES

Contain Spill, absorb with inert absorbent such as dry clay, sand, or diatomaceous earth, commercial sorbents or recover using pumps. Scoop up used absorbents into approved receptacles.

Waste Disposal:

Dispose in approved, secure landfill site or through a licensed waste recycler.



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 1-877-I-BUY-ZEP (428-9937)
 www.zep.com

Material Safety Data Sheet and Safe Handling and Disposal Information

Section 1. Chemical Product and Company Identification

Product name CHOKE & CARBURETOR CLEANER
Product Use Aerosol Choke and Carburetor Cleaner
Product Code 0286
Date of issue 12/14/04 **Supersedes** 05/12/97

Emergency Telephone Numbers For MSDS Information:
 Acuity Specialty Products Group, Inc.
 Compliance Services 1-877-I-BUY-ZEP

For Medical Emergency:
 INFOTRAC
 (877) 541-2016 Toll Free - All Calls Recorded

For a Transportation Emergency:
 CHEMTREC
 (800) 424-9300 - All Calls Recorded
 In the District of Columbia (202) 483-7616

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00695

B342

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 2527 8TH AVE
 GREELEY CO 80631-8409

Printing date: 11/11/05

Section 2. Composition, Information on Ingredients

Name of Hazardous Ingredients	CAS #	% by Weight	Exposure Limits
METHYLENE CHLORIDE; dichloromethane; methylene dichloride	75-09-2	50 - 60	OSHA PEL (United States). TWA: 25 ppm 8 hour(s).
XYLENE; dimethyl benzene; xylol	1330-20-7	30 - 40	OSHA (United States). STEL: 125 ppm 15 minute(s).
METHANOL; methyl alcohol; wood alcohol; columbia spirits	67-56-1	5 - 15	OSHA (United States). TWA: 100 ppm ACGIH (United States). STEL: 150 ppm
ETHYL BENZENE	100-41-4	5 - 15	OSHA/ACGIH (United States). TWA: 200 ppm 8 hour(s).
MORPHOLINE; tetrahydro-1,4-oxazine; diethylene-imide oxide	110-91-8	<5	OSHA /ACGIH (United States). STEL: 250 ppm 15 minute(s).
			OSHA PEL (United States). TWA: 100 ppm 8 hour(s).
			OSHA PEL (United States). TWA: 20 ppm 8 hour(s).
			OSHA / ACGIH (United States). STEL: 30 ppm 15 minute(s).

Section 3. Hazards Identification

Acute Effects

Routes of Entry Absorbed through skin. Inhalation. Ingestion.

Skin Hazardous in case of skin contact (irritant, permeator). Skin inflammation is characterized by itching, scaling, reddening, or, occasionally, blistering. Harmful if absorbed through the skin.

Eyes Hazardous in case of eye contact (irritant). Liquid or spray mist may produce tissue damage particularly on mucous membranes of eyes, mouth and respiratory tract.

Inhalation Hazardous in case of inhalation. Can cause central nervous system depression. Symptoms and signs include headaches, dizziness, fatigue, muscular weakness, drowsiness and, in extreme cases, loss of consciousness. Prolonged repeated exposure may cause chemical pneumonitis.

Ingestion Hazardous in case of ingestion. May be fatal or cause blindness if swallowed.

NOTE: MSDS data pertains to the product as delivered in the original shipping container(s). Risk of adverse health effects are lessened by following all prescribed safety precautions, including use of proper personal protective equipment.

Carcinogenic Effects

Methylene Chloride: Classified + (Proven) by OSHA, Classified 2B (Possible for human) by IARC, and Group 2 (Reasonably Anticipated To Be Human Carcinogen) by NTP

Chronic Effects

The substance may be toxic to blood, kidneys, lungs, liver, heart, spleen, brain, peripheral nervous system, eyes, adrenal, central nervous system (CNS). Repeated or prolonged exposure to the substance can produce target organs damage.

See Toxicological Information (section 11)

HMIS

	3
	3
Reactivity	0
Personal Protection	n, p

Section 4. First Aid Measures

Eye Contact	Flush with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention.
Skin Contact	Wash contaminated skin with soap and water. Remove contaminated clothing and shoes. Get medical attention if irritation develops.
Inhalation	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
Ingestion	Toxic if swallowed. INDUCE VOMITING by sticking finger in throat. If vomiting occurs, keep head lower than hips to help prevent aspiration. Aspiration hazard if swallowed- can enter lungs and cause damage. Seek immediate medical attention.

Section 5. Fire Fighting Measures

Flash Point	Not available.	Flammable Limits	Not available.
Flammability	FLAMMABLE. (CSMA)		
Fire Hazard	FLAMMABLE LIQUID AND VAPOR. Vapor may cause flash fire. Vapors may accumulate in low or confined areas, travel considerable distance to source of ignition and flash back.		
Fire-Fighting Procedures	Dry chemical, carbon dioxide, foam. Wear special protective clothing and positive pressure, self-contained breathing apparatus.		

**Section 6. Accidental Release Measures**

Spill Clean up Large spills are unlikely due to packaging.

Section 7. Handling and Storage

Handling	Keep away from heat, sparks and flame. Use only with adequate ventilation. Do not breathe gas/fumes/vapor/spray. Do not get in eyes, on skin, or on clothing. Do not ingest.
Storage	Store and use away from heat, sparks, open flame, or any other ignition source. Keep away from heat and direct sunlight. Keep container in a cool, well-ventilated area. Do not store above 49°C (120°F). Do not puncture or incinerate. Keep out of the reach of children.

Section 8. Exposure Controls, Personal Protection

	Personal Protection	Protective Clothing (Pictograms)
Eyes	Splash goggles.	
Body	Chemical resistant gloves. (Viton) Recommended: Chemical resistant apron.	
Respiratory	Use with adequate ventilation. Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Wear appropriate respirator when ventilation is inadequate.	

Section 9. Physical and Chemical Properties

Physical State	Liquid. (Aerosol.)	Color	Clear. Colorless.
pH	Not applicable.	Odor	Solvent-like.
Boiling Point	Not determined.	Vapor Pressure	21.7 kPa (163 mmHg) (at 20°C)
Specific Gravity	Not determined.	Vapor Density	>1 (Air = 1)
Solubility	Insoluble in cold water, hot water.	Evaporation Rate	>1
		VOC (Consumer)	45.0% 3.94 (lbs/gal) 472 (g/l)

Section 10. Stability and Reactivity

Stability and Reactivity	The product is stable.
Incompatibility	Avoid contact with strong oxidizers, excessive heat, sparks or open flame.
Hazardous Polymerization	Will not occur.
Hazardous Decomposition Products	Carbon Dioxide, Carbon Monoxide, Hydrogen Chloride (HCl), Chlorine and Phosgene Gas.

Section 11. Toxicological Information

Toxicity to Animals	Methylene Chloride:
	ORAL (LD50): Acute: 1500 mg/kg [Rat].
	Xylene:
	ORAL (LD50): Acute: 3500 mg/kg [Rat].
	VAPOR (LC50): Acute: 6700 ppm 4 hour(s) [Rat].
	Methanol:
	ORAL (LD50): Acute: 5628 mg/kg [Rat].
	Morpholine:
	ORAL (LD50): Acute: 1050 mg/kg [Rat.].
	DERMAL (LD50): Acute: 500 mg/kg [Rabbit].

Section 12. Ecological Information**Ecotoxicity** Not available.**Biodegradable/OECD** Not available.**Section 13. Disposal Considerations****Waste Information** Waste must be disposed of in accordance with federal, state and local environmental control regulations. **Waste Stream** Code: D001
Classification: - (Hazardous waste.)
Origin: - (RCRA waste.)

Consult your local or regional authorities.

Section 14. Transport Information**Proper shipping name** Consumer Commodity**DOT Classification** ORM-D**UN number** Not available.**NOTE:** DOT classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.**Section 15. Regulatory Information****U.S. Federal Regulations** SARA 313 toxic chemical notification and release reporting:
Methylene Chloride
Xylene
Methanol
Ethyl Benzene
Clean Water Act (CWA) 311: Xylene; Ethyl Benzene
Clean air act (CAA) 112 regulated toxic substances: Methylene Chloride; Xylene; Methanol; Ethyl Benzene
All Components of this product are listed or exempt from listing on TSCA inventory.**Section 16. Other Information**

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.



ZEP MANUFACTURING COMPANY
 Acuity Specialty Products Group, Inc.
 P.O. BOX 2015
 ATLANTA, GA 30301
 1-877-1-BUY-ZEP

**Material Safety Data Sheet
 and Safe Handling and Disposal Information**

Section 1. Chemical Product and Company Identification

Product name ZEP LEMONGRASS HAND SOAP

Product Use Antibacterial Hand Soap

Product Code 0882

Date of issue 08/25/03 **Supersedes**

Emergency Telephone Numbers **For MSDS Information:**
 Acuity Specialty Products Group, Inc.
 Compliance Services 1-877-1-BUY-ZEP

For Medical Emergency:
 INFOTRAC
 (877) 541-2016 Toll Free - All Calls Recorded

For a Transportation Emergency:
 CHEMTREC
 (800) 424-9300 - All Calls Recorded
 In the District of Columbia (202) 483-7616

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 2527 8TH AVE
 GREELEY CO 80631-8409

Printing date: 11/11/05

Prepared by Compliance Services Group
 Acuity Specialty Products Group
 1420 Seaboard Industrial Blvd.
 Atlanta, GA 30318

Section 2. Composition, Information on Ingredients

Name of Hazardous Ingredients	CAS #	% by Weight	Exposure Limits
OSHA'S Hazard Communication Standard (29 CFR 1910.1200) does not require the listing of any ingredients for this product.			

Section 3. Hazards Identification

Acute Effects **Routes of Entry** Not applicable.
Skin Non-irritating under conditions of use. Non-sensitizer for skin.
Eyes Non-irritating to the eyes.
Inhalation No known acute effects of this product resulting from inhalation.
Ingestion No known acute effects of this product resulting from ingestion.

HMIS	
Health	0
Flammability	0
Reactivity	0
Personal Protection	NA

Carcinogenic Effects Ingredients: Not listed as carcinogen by OSHA, NTP or IARC.

Chronic Effects There is no known effect from chronic exposure to this product.

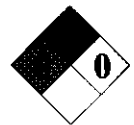
See Toxicological Information (section 11)

Section 4. First Aid Measures

Eye Contact Flush with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention if irritation persists.
Skin Contact Rinse with plenty of running water. Get medical attention if irritation develops.
Inhalation Not applicable.
Ingestion Do NOT induce vomiting unless directed to do so by medical personnel. If swallowed, seek medical advice immediately and show this container or label.

Section 5. Fire Fighting Measures

Flash Point Not applicable. **Flammable Limits** Not applicable.
Flammability Non combustible.
Fire Hazard Not applicable.
Fire-Fighting Procedures Not applicable.



Section 6. Accidental Release Measures

Spill Clean up Large spills are unlikely due to packaging. Small spills can be taken up with an absorbent and placed in containers for later disposal. Finish cleaning the spill area with running water.

Section 7. Handling and Storage

Handling Avoid contact with eyes.
Storage Store between 40°F - 120°F (4.4°C - 49°C). Keep out of the reach of children.

Section 8. Exposure Controls, Personal Protection**Personal Protection****Protective Clothing (Pictograms)****Eyes** No special measures required.**Body** No special measures required.**Respiratory** No special measures required.**Section 9. Physical and Chemical Properties****Physical State** Viscous liquid.**Color** Light Green.**pH** 6.0-7.0**Odor** Lemongrass.**Boiling Point** 104.4°C (220°F)**Vapor Pressure** Not determined.**Specific Gravity** 1.01 (Water = 1)**Vapor Density** Not applicable.**Solubility** Soluble in water.**Evaporation Rate** Not determined.**VOC (Consumer)** 0.0%**Section 10. Stability and Reactivity****Stability and Reactivity** The product is stable.**Incompatibility** None identified.**Hazardous Polymerization** Will not occur.**Hazardous Decomposition Products** Carbon Dioxide, Carbon Monoxide and other organic materials.**Section 11. Toxicological Information****Toxicity to Animals** Not applicable.**Section 12. Ecological Information****Ecotoxicity** Not available.**Biodegradable/OECD** Not available.**Section 13. Disposal Considerations****Waste Information** Waste must be disposed of in accordance with federal, state and local environmental control regulations.**Waste Stream Code:** - (None.)

Classification: - (Non-hazardous waste)

Consult your local or regional authorities.**Section 14. Transport Information****Proper shipping name** None.**DOT Classification** Not a DOT controlled material (United States).**UN number** Not regulated.**Section 15. Regulatory Information****U.S. Federal Regulations** SARA 313 toxic chemical notification and release reporting: No products were found.

Clean Water Act (CWA) 311: No products were found.

Clean air act (CAA) 112 regulated toxic substances: No products were found.

Section 16. Other Information*To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.**Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.*



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Acuity Specialty Products Group, Inc.
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Atlanta, GA 30301
1-877-I-BUY-ZEP (428-9937)
www.zep.com

Material Safety Data Sheet and Safe Handling and Disposal Information

Section 1. Chemical Product and Company Identification

Product name ZEP-PAR NC
Product Use Aerosol Silicone Lubricant
Product Code 0107
Date of issue 12/28/04 **Supersedes** 02/13/04

Emergency Telephone Numbers For MSDS Information:
Acuity Specialty Products Group, Inc.
Compliance Services 1-877-I-BUY-ZEP (428-9937)

For Medical Emergency
INFOTRAC:
(877) 541-2016 Toll Free - All Calls Recorded

For a Transportation Emergency
CHEMTREC:
(800) 424-9300 - All Calls Recorded
In the District of Columbia (202) 483-7616

Prepared by Compliance Services Group
Acuity Specialty Products Group
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Atlanta, GA 30318

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2527 S 8TH AVE
GREELEY CO 80631

Printing date: 07/25/05

Section 2. Composition, Information on Ingredients

Name of Hazardous Ingredients	CAS #	% by Weight	Exposure Limits
HEPTANE; n-heptane	142-82-5	60 - 70	ACGIH/OSHA (United States). TWA: 400 ppm 8 hour(s). ACGIH/OSHA (United States). STEL: 400 ppm 15 minute(s).
BLEND OF ISOBUTANE & PROPANE	74-98-6; 75-28-5	20 - 30	ACGIH TLV (United States). TWA: 800 ppm 8 hour(s). OSHA PEL (United States). TWA: 1000 ppm 8 hour(s).

Section 3. Hazards Identification

Acute Effects

Routes of Entry Dermal contact. Inhalation.

- Skin** Hazardous in case of skin contact (irritant, permeator). Skin inflammation is characterized by itching, scaling, or reddening. Product may be dermal absorbed. Defatting properties, may aggravate an existing dermatitis.
- Eyes** Hazardous in case of eye contact (irritant). Inflammation of the eye is characterized by redness, watering, and itching.
- Inhalation** Hazardous in case of inhalation (lung irritant). Avoid breathing vapors or spray mists. Over-exposure by inhalation may cause respiratory irritation. Can cause central nervous system depression. Symptoms and signs include headaches, dizziness, fatigue, muscular weakness, drowsiness and, in extreme cases, loss of consciousness.
- Ingestion** Harmful if swallowed. Aspiration hazard if swallowed- can enter lungs and cause damage. Vomiting increases risk of chemical pneumonia.

NOTE: MSDS data pertains to the product as delivered in the original shipping container(s). Risk of adverse health effects are lessened by following all prescribed safety precautions, including use of proper personal protective equipment.

Carcinogenic Effects

Ingredients: Not listed as carcinogen by OSHA, NTP or IARC.

Chronic Effects

Over-exposure by inhalation or absorption can cause central nervous system depression. Prolonged skin contact may cause dermatitis with drying and cracking of skin.

See Toxicological information (section 11)

Section 4. First Aid Measures

- Eye Contact** Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.
- Skin Contact** In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Get medical attention if irritation develops.
- Inhalation** If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

HMIS

Health	1
	4
Reactivity	0
Personal Protection	B,X

Ingestion Aspiration hazard if swallowed- can enter lungs and cause damage. Do NOT induce vomiting unless directed to do so by medical personnel. If vomiting occurs, keep head lower than hips to help prevent aspiration. Never give anything by mouth to an unconscious person. Get medical attention immediately.

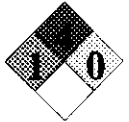
Section 5. Fire Fighting Measures

Flash Point Closed cup: <-18°C (<0°F) (Tagliabue.) **Flammable Limits** LOWER: 1.2% UPPER: 6.7%

Flammability Extremely flammable. (CSMA) Aerosol that may flashback.

Fire Hazard FLAMMABLE LIQUID AND VAPOR. Vapor may cause flash fire. Vapors may accumulate in low or confined areas, travel considerable distance to source of ignition and flash back. Container explosion may occur under fire conditions or when heated.

Fire-Fighting Procedures Dry chemical, carbon dioxide, foam. Wear special protective clothing and positive pressure, self-contained breathing apparatus. Cool containing vessels with water jet in order to prevent pressure build-up, autoignition or explosion.



Section 6. Accidental Release Measures

Spill Clean up Large spills are unlikely due to packaging.


Section 7. Handling and Storage


Handling Extremely flammable liquid and vapor. Store and use away from heat, sparks, open flame, or any other ignition source. Avoid contact with eyes, skin and clothing. Avoid breathing vapors or spray mists. Use only with adequate ventilation. Wash thoroughly after handling. Wash contaminated clothing before reusing.

Storage CONTENTS UNDER PRESSURE. Store and use away from heat, sparks, open flame, or any other ignition source. Keep away from heat and direct sunlight. Keep container in a cool, well-ventilated area. Do not store above 49°C (120.2°F). Do not puncture or incinerate. Keep out of the reach of children.

Section 8. Exposure Controls, Personal Protection

Personal Protection

Eyes Safety glasses with side shields. 

Body Chemical resistant gloves. (Viton, Nitrile, Neoprene) 

Respiratory Use with adequate ventilation. Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Wear appropriate respirator when ventilation is inadequate. Approved/certified respirator with organic vapor cartridges.

Protective Clothing (Pictograms)

Section 9. Physical and Chemical Properties

Physical State Liquid. (Aerosol.) **Color** Colorless.

pH Not applicable. **Odor** Solvent-like.

Boiling Point Not determined. **Vapor Pressure** Not determined.

Specific Gravity 0.69 (Water = 1) **Vapor Density** Not determined.

Solubility Insoluble in cold water, hot water. **Evaporation Rate** Not determined.

VOC (Consumer) 91.4% 5.22 (lb/gal) 626 (g/l)

Section 10. Stability and Reactivity

Stability and Reactivity The product is stable.

Incompatibility Avoid contact with strong oxidizers, excessive heat, sparks or open flame.

Hazardous Polymerization Will not occur.

Hazardous Decomposition Products Carbon Dioxide, Carbon Monoxide and other organic materials..

Section 11. Toxicological Information

Toxicity to Animals Not available.

Section 12. Ecological Information

Ecotoxicity Not available.

Biodegradable/OECD Not available.

Section 13. Disposal Considerations

Waste Information Waste must be disposed of in accordance with federal, state and local environmental control regulations. **Waste Stream** Code: D001
Classification: - (Hazardous waste.)
Origin: - (RCRA waste.)

Consult your local or regional authorities.

Section 14. Transport Information

Proper shipping name Consumer Commodity

DOT Classification ORM-D

UN number Not regulated.

NOTE: DOT classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.

Section 15. Regulatory Information

U.S. Federal Regulations SARA 313 toxic chemical notification and release reporting:
No products were found.

Clean Water Act (CWA) 311: No products were found.

Clean air act (CAA) 112 regulated toxic substances: No products were found.

All Components of this product are listed or exempt from listing on TSCA inventory.

Section 16. Other Information

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.



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 www.zep.com

Material Safety Data Sheet and Safe Handling and Disposal Information

Section 1. Chemical Product and Company Identification

Product name ZEP 2000
Product Use Aerosol Penetrating Grease
Product Code 4164
Date of issue 12/30/04 **Supersedes** 02/18/04

Emergency Telephone Numbers For MSDS Information:
 Acuity Specialty Products Group, Inc.
 Compliance Services 1-877-I-BUY-ZEP

For Medical Emergency:
 INFOTRAC
 (877) 541-2016 Toll Free - All Calls Recorded

For a Transportation Emergency:
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 (800) 424-9300 - All Calls Recorded
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 Acuity Specialty Products Group
 1420 Seaboard Industrial Blvd.
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 GREELEY CO 80631

Printing date: 07/25/05

Section 2. Composition, Information on Ingredients

Name of Hazardous Ingredients	CAS #	% by Weight	Exposure Limits
HEPTANE; n-heptane	142-82-5	20 - 30	ACGIH/OSHA (United States). TWA: 400 ppm 8 hour(s).
BLEND OF ISOBUTANE & PROPANE	74-98-6; 75-28-5	20 - 30	ACGIH/OSHA (United States). STEL: 500 ppm 15 minute(s). ACGIH TLV (United States). TWA: 800 ppm 8 hour(s).
HYDROTREATED LIGHT PETROLEUM DISTILLATES; paraffinic, naphthenic solvent	64742-47-8	<10	OSHA PEL (United States). TWA: 1000 ppm 8 hour(s). Supplier Suggested (United States). TWA: 100 ppm 8 hour(s).

Section 3. Hazards Identification

Acute Effects **Routes of Entry** Absorbed through skin. Inhalation.

Skin Hazardous in case of skin contact (irritant, permeator). Skin inflammation is characterized by itching, scaling, or reddening. Product may be dermal absorbed. Defatting properties, may aggravate an existing dermatitis.

Eyes Hazardous in case of eye contact (irritant). Inflammation of the eye is characterized by redness, watering, and itching.

Inhalation Hazardous in case of inhalation (lung irritant). Avoid breathing vapors or spray mists. Over-exposure by inhalation may cause respiratory irritation. Can cause central nervous system depression. Symptoms and signs include headaches, dizziness, fatigue, muscular weakness, drowsiness and, in extreme cases, loss of consciousness.

Ingestion Harmful if swallowed. Aspiration hazard if swallowed- can enter lungs and cause damage. Vomiting increases risk of chemical pneumonia.

HMIS

Health	1
Reactivity	4
Personal Protection	B

NOTE: MSDS data pertains to the product as delivered in the original shipping container(s). Risk of adverse health effects are lessened by following all prescribed safety precautions, including use of proper personal protective equipment.

Carcinogenic Effects Ingredients: Not listed as carcinogen by OSHA, NTP or IARC.

Chronic Effects Prolonged or repeated contact may dry skin and cause irritation. Over-exposure by inhalation or absorption can cause central nervous system depression.

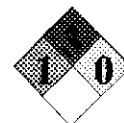
See Toxicological Information (section 11)

Section 4. First Aid Measures

Eye Contact	Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.
Skin Contact	Wash affected area with soap or mild detergent and water. Remove contaminated clothing and shoes. Wash clothing before reuse. If irritation persists, get medical attention.
Inhalation	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
Ingestion	Aspiration hazard if swallowed- can enter lungs and cause damage. Never give anything by mouth to an unconscious person. Do NOT induce vomiting unless directed to do so by medical personnel. Get medical attention immediately.

Section 5. Fire Fighting Measures

Flash Point	Closed cup: -18°C (<math><0^{\circ}\text{F}</math>) Tagliabue.	Flammable Limits LOWER: 1.2% UPPER: 6.7%
Flammability	Extremely flammable. (CSMA) Aerosol that may flashback.	
Fire Hazard	Vapor may cause fire. Vapors may accumulate in low or confined areas, travel considerable distance to source of ignition and flash back. Container explosion may occur under fire conditions or when heated.	
Fire-Fighting Procedures	Dry chemical, carbon dioxide, foam, water fog. Wear special protective clothing and positive pressure, self-contained breathing apparatus. Cool containing vessels with water jet in order to prevent pressure build-up, autoignition or explosion.	

**Section 6. Accidental Release Measures**

Spill Clean up Large spills are unlikely due to packaging.

Section 7. Handling and Storage

Handling	Extremely flammable liquid and vapor. Keep away from heat, sparks and flame. Use only with adequate ventilation. Avoid breathing vapors or spray mists. Avoid contact with eyes, skin and clothing. Wash contaminated clothing before reusing. Wash thoroughly after handling.
Storage	CONTENTS UNDER PRESSURE. Store and use away from heat, sparks, open flame, or any other ignition source. Keep away from heat and direct sunlight. Keep container in a cool, well-ventilated area. Do not store above 49°C (120.2°F). Do not puncture or incinerate. Keep out of the reach of children.

Section 8. Exposure Controls, Personal Protection

	Personal Protection	Protective Clothing (Pictograms)
Eyes	Safety glasses.	
Body	Neoprene gloves. Nitrile gloves. Rubber gloves.	
Respiratory	Use with adequate ventilation. Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Wear appropriate respirator when ventilation is inadequate. Approved/certified respirator with organic vapor cartridges.	

Section 9. Physical and Chemical Properties

Physical State	Liquid (Aerosol.)	Color Amber.
pH	Not applicable.	Odor Solvent-like.
Boiling Point	Not determined.	Vapor Pressure Not determined.
Specific Gravity	0.75 (Water = 1)	Vapor Density Not determined.
Solubility	Insoluble in cold water, hot water.	Evaporation Rate >1 compared to Butyl acetate.
		VOC (Consumer) 50.0% 3.12 (lb/gal) 374 (g/l)

Section 10. Stability and Reactivity

Stability and Reactivity	The product is stable.
Incompatibility	Avoid contact with strong oxidizers, excessive heat, sparks or open flame.
Hazardous Polymerization	Will not occur.
Hazardous Decomposition Products	carbon oxides (CO, CO ₂) and sulfur oxides (SO ₂ , SO ₃ ...)

Section 11. Toxicological Information

Toxicity to Animals	Hydrotreated Light Petroleum Distillates :
	ORAL (LD50): Acute: >5000 mg/kg [Rat].
	DERMAL (LD50): Acute: >2000 mg/kg [Rabbit].

Section 12. Ecological Information

Ecotoxicity Not available.

Biodegradable/OECD Not available.

Section 13. Disposal Considerations

Waste information Waste must be disposed of in accordance with federal, state and local environmental control regulations. Waste Stream Code: D001
Classification: - (Hazardous waste.)
Origin: - (RCRA waste.)

Consult your local or regional authorities.

Section 14. Transport Information

Proper shipping name Consumer Commodity

DOT Classification ORM-D

UN number Not available.

NOTE: DOT classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.

Section 15. Regulatory Information

U.S. Federal Regulations SARA 313 toxic chemical notification and release reporting:
No products were found.
Clean Water Act (CWA) 311: No products were found.
Clean air act (CAA) 112 regulated toxic substances: No products were found.
All Components of this product are listed or exempt from listing on TSCA inventory.

Section 16. Other Information

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

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SECTION 7

Storage Temp - min / max:
Shelf Life:
Precautions:

HANDLING AND STORAGE

None / 104 °F
1 year
Not for internal use. Avoid contact with skin, eyes, clothing.

SECTION 8

Eye Protection:
Skin Protection:
Respiratory Protection:

EXPOSURE CONTROL / PERSONAL PROTECTION

Chemical goggles if splashing is likely or high pressure systems are used.
Wear chemical resistant gloves, avoid contact with skin.
Normally not necessary. If mist is generated, wear approved organic respirator suitable for oil mist areas with sufficient oxygen.
General ventilation.
Recommended Occupational Exposure Limit 100 PPM (8Hrs)

Ventilation:
Exposure Limits:

SECTION 9

Appearance:
Boiling Point:
Vapor Pressure:
Specific Gravity:
Volatiles, % Volume
Odor:
Solubility in Water:
Evaporation Rate:
Viscosity:

PHYSICAL AND CHEMICAL PROPERTIES

Clear liquid, Very slight yellow tint.
>250 °F
NA
0.85-0.91
100%
Orange odor
Negligible
Rapid
@40 °C Varies with Grade

SECTION 10

Stability:
Hazardous Polymerization:
Incompatibilities:
Decomposition Products:

REACTIVITY

Product is STABLE
Will not occur
Strong oxidizers
Analogous compounds evolve, carbon monoxide, carbon dioxide, and other undefined fragments when burned.

SECTION 11

General:

TOXICOLOGICAL INFORMATION

Harmful if swallowed, Negative when tested by modified Ames test for carcinogenicity.

SECTION 12

General:

ECOLOGICAL INFORMATION

Biodegradable CEC L33T82 > 80% @ 28 Days

SECTION 13

Waste Disposal:

DISPOSAL CONSIDERATIONS

Used product must be disposed of in accordance with Federal, State, and Local environmental control regulations. Incineration is preferred.
DO NOT HEAT OR CUT EMPTY CONTAINERS WITH ELECTRIC OR GAS TORCH.

SECTION 14

Technical Name:
D.O.T. Hazard Class:
U.N. / N.A. #
Product Label:

TRANSPORTATION INFORMATION

Synthetic Hydrocarbon / Synthetic Terpene Blend & Cleaners
Combustible Liquid
N/A
Super Cool Equipment Flush

SECTION 15

OSHA STATUS:
TSCA STATUS:
RCRA STATUS:

REGULATORY INFORMATION

Non Hazardous under 29 CFR 1910.1200
N/A
If discarded in its purchased form this product would not be a hazardous waste either by listing or characteristic. However it is the responsibility of the product user to determine at the time of disposal, whether the material being disposed of is a hazardous waste (40 CFR 261.20-24).

SECTION 16

General:

OTHER INFORMATION

This information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of TSI. The data on this sheet related only to the specific material designed herein. TSI assumes no legal responsibility for the use or reliance upon these data.



ZEP Manufacturing Company
 Acuity Specialty Products Group, Inc.
 P.O. Box 2015
 Atlanta, GA 30301
 1-877-I-BUY-ZEP (428-9937)
 www.zep.com

Material Safety Data Sheet and Safe Handling and Disposal Information

Section 1. Chemical Product and Company Identification

Product name ZEP BATTERY CARE
Product Use Aerosol Battery Terminal Cleaner
Product Code 0308
Date of issue 01/11/05 **Supersedes** 10/20/00

Emergency Telephone Numbers For MSDS Information:
 Acuity Specialty Products Group, Inc.
 Compliance Services 1-877-I-BUY-ZEP (428-9937)

For Medical Emergency
 INFOTRAC:
 (877) 541-2016 Toll Free - All Calls Recorded

For a Transportation Emergency
 CHEMTREC:
 (800) 424-9300 - All Calls Recorded
 In the District of Columbia (202) 483-7616

Prepared by Compliance Services Group
 Acuity Specialty Products Group
 1420 Seaboard Industrial Blvd.
 Atlanta, GA 30318

00355 B342
 ADVANCED AUTO PROS
 2527 S 8TH AVE
 GREELEY CO 80631

Printing date: 04/29/05

Section 2. Composition, Information on Ingredients

Name of Hazardous Ingredients	CAS #	% by Weight	Exposure Limits
HYDROCARBON PROPELLANT; blend of propane, isobutane & n-butane	75-28-5; 74-98-6; 106-97-8	1 - 10	ACGIH TLV / OSHA PEL (United States). Notes: Propane TWA: 1000 ppm 8 hour(s). OSHA PEL / ACGIH TLV (United States). Notes: n-Butane TWA: 800 ppm 8 hour(s).
ETHYLENE GLYCOL MONOBUTYL ETHER; 2-butoxyethanol; butyl cellosolve	111-76-2	1 - 5	ACGIH TLV (United States). TWA: 20 ppm 8 hour(s). OSHA PEL (United States). Skin TWA: 50 ppm 8 hour(s).

Section 3. Hazards Identification

Acute Effects **Routes of Entry** Dermal contact. Inhalation.

Skin Hazardous in case of skin contact (irritant, permeator). Harmful if absorbed through the skin. Direct contact may cause irritation and redness. Prolonged or repeated contact may dry skin and cause irritation.

Eyes Hazardous in case of eye contact (irritant). Inflammation of the eye is characterized by redness, watering, and itching.

Inhalation Hazardous in case of inhalation. Avoid breathing vapors or spray mists. Over-exposure by inhalation may cause respiratory irritation. Can cause central nervous system depression.

Ingestion May be harmful if swallowed. Can cause gastrointestinal disturbances.

Health	1
Reactivity	0
Personal Protection	B

NOTE: MSDS data pertains to the product as delivered in the original shipping container(s). Risk of adverse health effects are lessened by following all prescribed safety precautions, including use of proper personal protective equipment.

Carcinogenic Effects Ingredients: Not listed as carcinogen by OSHA, NTP or IARC.

Chronic Effects The substance may be toxic to blood, kidneys, liver, upper respiratory tract, skin, eyes, central nervous system (CNS). Overexposure of this product by inhalation or absorption can produce central nervous system depression resulting in headache, nausea and/or dizziness. Repeated or prolonged exposure to the substance can produce target organs damage.

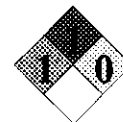
See Toxicological Information (section 11)

Section 4. First Aid Measures

Eye Contact	Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Get medical attention.
Skin Contact	In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Get medical attention if irritation develops.
Inhalation	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
Ingestion	Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Section 5. Fire Fighting Measures

Flash Point	Not applicable.	Flammable Limits Not applicable.
Flammability	Non-flammable. (CSMA)	
Fire Hazard	CONTENTS UNDER PRESSURE. Container explosion may occur under fire conditions or when heated.	
Fire-Fighting Procedures	Use DRY chemicals, CO ₂ , water spray or foam. Cool closed containers exposed to fire with water.	

**Section 6. Accidental Release Measures**

Spill Clean up	Large spills are unlikely due to packaging.
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Section 7. Handling and Storage

Handling	Avoid contact with eyes, skin and clothing. Do not ingest. Avoid breathing vapors or spray mists. Use only with adequate ventilation. Observe label precautions. Wash thoroughly after handling.
Storage	CONTENTS UNDER PRESSURE. Do not puncture or incinerate container. Keep container in a cool, well-ventilated area. Do not store above 49°C (120.2°F). Keep out of the reach of children.

Section 8. Exposure Controls, Personal Protection

	Personal Protection	Protective Clothing (Pictograms)
Eyes	Safety glasses.	
Body	Rubber gloves. Nitrile gloves. Neoprene gloves.	
Respiratory	Use with adequate ventilation. Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective occupational exposure limits.	

Section 9. Physical and Chemical Properties

Physical State	Liquid. (Aerosol.)	Color Milky-white (Light.)
pH	Not applicable	Odor Mild.
Boiling Point	101.67°C (215°F)	Vapor Pressure Not determined.
Specific Gravity	1 (Water = 1)	Vapor Density Not determined.
Solubility	Easily soluble in cold water, hot water.	Evaporation Rate 1 compared to Water
		VOC (Consumer) 693.37 (g/l). 5.79 lbs/gal 8.21%

Section 10. Stability and Reactivity

Stability and Reactivity	The product is stable.
Incompatibility	Reactive with oxidizing agents, metals. Incompatible with magnesium, zinc, sodium, potassium and aluminum.
Hazardous Polymerization	Will not occur.
Hazardous Decomposition Products	Carbon Dioxide, Carbon Monoxide and other organic materials..

Section 11. Toxicological Information

Toxicity to Animals	Ethylene Glycol Monobutyl Ether:
	ORAL (LD50): Acute: 1746 mg/kg [Rat].
	DERMAL (LD50): Acute: 680 mg/kg [Rabbit].
	VAPOR (LC50): Acute: 450 ppm 4 hour(s) [Rat (Female)].

Section 12. Ecological Information

Ecotoxicity	Not available.
Biodegradable/OECD	Not available.

Section 13. Disposal Considerations

Waste Information	Waste must be disposed of in accordance with federal, state and local environmental control regulations.	Waste Stream Non-hazardous waste
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Consult your local or regional authorities.

Section 14. Transport Information

Proper shipping name Consumer Commodity
DOT Classification ORM-D

UN number Not regulated.

NOTE: DOT classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.

Section 15. Regulatory Information

U.S. Federal Regulations SARA 313 toxic chemical notification and release reporting:

Ethylene Glycol Monobutyl Ether

Clean Water Act (CWA) 311: No products were found.

Clean air act (CAA) 112 regulated toxic substances: Ethylene Glycol Monobutyl Ether

All Components of this product are listed or exempt from listing on TSCA inventory.

Section 16. Other Information

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www.zep.com

Material Safety Data Sheet and Safe Handling and Disposal Information

Section 1. Chemical Product and Company Identification

Product name BLUE MAGIC
Product Use High Foam Liquid Car Wash
Product Code 0356
Date of issue 12/02/04 **Supersedes** 05/20/99

Emergency Telephone Numbers For MSDS Information:
Acuity Specialty Products Group, Inc.
Compliance Services 1-877-1-BUY-ZEP (428-9937)

For Medical Emergency
INFOTRAC:
(877) 541-2016 Toll Free - All Calls Recorded

For a Transportation Emergency
CHEMTREC:
(800) 424-9300 - All Calls Recorded
In the District of Columbia (202) 483-7616

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GREELEY CO 80631

Printing date: 06/24/05

Section 2. Composition, Information on Ingredients

Name of Hazardous Ingredients	CAS #	% by Weight	Exposure Limits
SODIUM DODECYLBENZENE SULFONATE; linear alkyl aryl sodium sulfonate; Sodium DDBSA	25155-30-0	20 - 30	Not established

Section 3. Hazards Identification

Acute Effects **Routes of Entry** Not applicable.

Skin Hazardous in case of skin contact (irritant). May cause slight transient irritation. Prolonged or repeated contact may dry skin and cause irritation. Skin inflammation is characterized by itching, scaling, or reddening. Non-sensitizer for skin.

Eyes Hazardous in case of eye contact (irritant). This product is an eye irritant. Inflammation of the eye is characterized by redness, watering, and itching.

Inhalation Inhalation not likely under normal use conditions.

Ingestion No data on acute toxicity of the product when ingested. May cause mild gastric irritation, abdominal spasms, nausea and faintness.

Carcinogenic Effects Ingredients: Not listed as carcinogen by OSHA, NTP or IARC.
Chronic Effects There is no known effect from chronic exposure to this product.

See Toxicological Information (section 11)

HMIS

Health	1
Physical	0
Reactivity	0
Personal Protection	A

Section 4. First Aid Measures

Eye Contact Flush with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention if irritation develops.

Skin Contact Rinse with plenty of running water. Get medical attention if irritation develops.

Inhalation Inhalation not likely under normal use conditions.

Ingestion Do NOT induce vomiting unless directed to do so by medical personnel. If affected person is conscious, give plenty of water to drink. Get medical attention immediately.

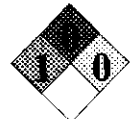
Section 5. Fire Fighting Measures

Flash Point Not applicable. **Flammable Limits** Not applicable.

Flammability Non combustible.

Fire Hazard Not applicable.

Fire-Fighting Procedures Use DRY chemicals, CO₂, water spray or foam.



Section 6. Accidental Release Measures

Spill Clean up Put on appropriate personal protective equipment (see Section 8). Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

Section 7. Handling and Storage

Handling Avoid contact with eyes. Wash thoroughly after handling. Wash contaminated clothing before reusing.
Storage Keep container tightly closed and dry. Store between 40°F - 120°F (4.4°C - 49°C). Keep out of the reach of children.

Section 8. Exposure Controls, Personal Protection

Eyes Safety glasses.
Body For prolonged or repeated handling, use: Rubber, Nitrile, or Neoprene gloves.
Respiratory No special protection is required.

Protective Clothing (Pictograms)**Section 9. Physical and Chemical Properties**

Physical State	Clear viscous liquid.	Color	Blue.
pH	10.2 - 11.0	Odor	Mild.
Boiling Point	100°C (212°F)	Vapor Pressure	Not determined.
Specific Gravity	1.04 (Water = 1)	Vapor Density	Not determined.
Solubility	Easily soluble in cold water.	Evaporation Rate	1 compared to Water
		VOC (Consumer)	0 (g/l).

Section 10. Stability and Reactivity

Stability and Reactivity The product is stable.
Incompatibility Reactive with oxidizing agents, acids.
Hazardous Polymerization Will not occur.
Hazardous Decomposition Products Carbon oxides (CO, CO₂)

Section 11. Toxicological Information

Toxicity to Animals Not available.

Section 12. Ecological Information

Ecotoxicity Not available.
Biodegradable/OECD Not available.

Section 13. Disposal Considerations

Waste Information Dispose of according to all federal, state and local regulations. Non-hazardous waste
Waste Stream Code: - (Not applicable.)
Classification: - (Non-hazardous waste)

Consult your local or regional authorities.

Section 14. Transport Information

Proper shipping name None.
DOT Classification Not a DOT controlled material (United States).
UN number Not regulated.

Section 15. Regulatory Information

U.S. Federal Regulations SARA 313 toxic chemical notification and release reporting:
 No products were found.
 Clean Water Act (CWA) 311: Sodium dodecylbenzene sulfonate RQ 1000 lbs. (453.6 kg)
 Clean air act (CAA) 112 regulated toxic substances: No products were found.

Section 16. Other Information

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 1-877-1-BUY-ZEP (428-9937)

Material Safety Data Sheet and Safe Handling and Disposal Information

Section 1. Chemical Product and Company Identification

Product name ZEP PLUS
Product Use General Purpose Cleaner
Product Code 0392
Date of issue 09/07/04 **Supersedes** 03/08/01

Emergency Telephone Numbers For MSDS Information:
 Acuity Specialty Products Group
 Compliance Services 1-877-1-BUY-ZEP

For Medical Emergency:
 INFOTRAC
 (877) 541-2016 Toll Free - All Calls Recorded

For a Transportation Emergency:
 CHEMTREC
 (800) 424-9300 - All Calls Recorded
 In the District of Columbia (202) 483-7616

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 GREELEY CO 80631

Printing date: 06/24/05

Prepared by Compliance Services Group
 Acuity Specialty Products Group
 1420 Seaboard Industrial Blvd.
 Atlanta, GA 30318

Section 2. Composition, Information on Ingredients

Name of Hazardous Ingredients	CAS #	% by Weight	Exposure Limits
POTASSIUM DODECYLBENZENE SULFONATE; linear alkyl aryl sulfonate	27177-77-1	10-20	Not available.

Section 3. Hazards Identification

Acute Effects **Routes of Entry** Not applicable
Skin Non-sensitizer for skin. Prolonged or repeated contact may dry skin and cause irritation.
Eyes Hazardous in case of eye contact (irritant). Inflammation of the eye is characterized by redness, watering, and itching.
Inhalation Inhalation not likely under normal use conditions.
Ingestion No data on acute toxicity of the product when ingested.

HMIS	
Health	0
Reactivity	0
Personal Protection	A

Carcinogenic Effects Ingredients: Not listed as carcinogen by OSHA, NTP or IARC.
Chronic Effects There is no known effect from chronic exposure to this product.

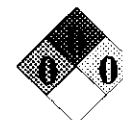
See Toxicological Information (section 11)

Section 4. First Aid Measures

Eye Contact Flush with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention if irritation develops.
Skin Contact Rinse with plenty of running water. Get medical attention if irritation develops.
Inhalation Inhalation not likely under normal use conditions. If excessive quantities inhaled, remove to fresh air.
Ingestion Do NOT induce vomiting unless directed to do so by medical personnel. If affected person is conscious, give plenty of water to drink. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Section 5. Fire Fighting Measures

Flash Point Not applicable. **Flammable Limits** Not applicable.
Flammability Not applicable.
Fire Hazard Not applicable.
Fire-Fighting Procedures Not applicable.




Section 6. Accidental Release Measures

Spill Clean up Put on appropriate personal protective equipment (see Section 8). Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

Section 7. Handling and Storage

Handling Avoid contact with eyes. Wash thoroughly after handling. Wash contaminated clothing before reusing.
Storage Keep container tightly closed and dry. Store between 40°F - 120°F (4.4°C - 49°C). Keep out of the reach of children.

Section 8. Exposure Controls, Personal Protection

	Personal Protection	Protective Clothing (Pictograms)
Eyes	Safety glasses.	
Body	For prolonged or repeated handling, use: rubber gloves, neoprene gloves, or nitrile gloves.	
Respiratory	No special measures required.	

Section 9. Physical and Chemical Properties

Physical State	Viscous liquid.	Color Clear. Blue-Green.
pH	8.0-9.0	Odor Pleasant.
Boiling Point	100°C (212°F)	Vapor Pressure Not determined.
Specific Gravity	1 (Water = 1)	Vapor Density Not determined.
Solubility	Easily soluble in cold water, hot water.	Evaporation Rate 1 compared to Water
		VOC (Consumer) 0 (g/l).

Section 10. Stability and Reactivity

Stability and Reactivity The product is stable.
Incompatibility Reactive with oxidizing agents, acids.
Hazardous Polymerization Will not occur.
Hazardous Decomposition Products Carbon Dioxide, Carbon Monoxide and other organic materials.

Section 11. Toxicological Information

Toxicity to Animals No specific data.

Section 12. Ecological Information

Ecotoxicity Not available.
Biodegradable/OECD Not available.

Section 13. Disposal Considerations

Waste Information Waste must be disposed of in accordance with federal, state and local environmental control regulations. Consult your local or regional authorities.
Waste Stream Code: - (Not applicable.)
Classification: - (Non-hazardous waste)

Section 14. Transport Information

Proper shipping name None.
DOT Classification Not a DOT controlled material (United States).
UN number Not regulated.

Section 15. Regulatory Information

U.S. Federal Regulations SARA 313 toxic chemical notification and release reporting:
 No products were found.
 Clean Water Act (CWA) 311: No products were found.
 Clean air act (CAA) 112 regulated toxic substances: No products were found.

Section 16. Other Information

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 Acuity Specialty Products Group, Inc.
 P.O. BOX 2015
 ATLANTA, GA 30301
 1-877-1-BUY-ZEP

Material Safety Data Sheet
 and Safe Handling and Disposal Information

Section 1. Chemical Product and Company Identification

Product name **ZEP SINK DISH DETERGENT**

Product Use Liquid Dishwashing Detergent

Product Code **1250**

Date of issue **09/19/03** **Supersedes**

Emergency Telephone Numbers **For MSDS Information:**
 Acuity Specialty Products Group, Inc.
 Compliance Services 1-877-1-BUY-ZEP

ADVANCED AUTO PROS
 2527 S 8TH AVE
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For Medical Emergency:
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 (877) 541-2016 Toll Free - All Calls Recorded

For a Transportation Emergency:
 CHEMTREC
 (800) 424-9300 - All Calls Recorded
 In the District of Columbia (202) 483-7616

Printing date: 06/24/05

Prepared by Compliance Services Group
 Acuity Specialty Products Group
 1420 Seaboard Industrial Blvd.
 Atlanta, GA 30318

Section 2. Composition, Information on Ingredients

Name of Hazardous Ingredients	CAS #	% by Weight	Exposure Limits
OSHA'S HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200) DOES NOT REQUIRE THE LISTING OF ANY INGREDIENTS FOR THIS PRODUCT.			

Section 3. Hazards Identification

Acute Effects Routes of Entry None.

Skin No known acute effects of this product resulting from skin contact.

Eyes No known acute effects of this product resulting from eye contact.

Inhalation Inhalation not likely under normal use conditions.

ingestion No known acute effects of this product resulting from ingestion.

HMIS	
Health	0
Physical Hazard	0
Reactivity	0
Personal Protection	N/A

Carcinogenic Effects Ingredients: Not listed as carcinogen by OSHA, NTP or IARC.

Chronic Effects There is no known effect from chronic exposure to this product.

See Toxicological Information (section 11)

Section 4. First Aid Measures

Eye Contact In case of contact with eyes, rinse immediately with plenty of water. Get medical attention if irritation develops.

Skin Contact No known effect from skin contact; rinse with water for a few minutes. Get medical attention if irritation develops.

Inhalation Inhalation not likely under normal use conditions.

Ingestion Not considered to be toxic for humans. If large quantities of this material are swallowed, call a physician immediately.

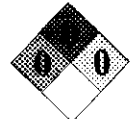
Section 5. Fire Fighting Measures

Flash Point None. **Flammable Limits** Not applicable.

Flammability Not applicable.

Fire Hazard Not applicable.

Fire-Fighting Procedures None assigned.



Section 6. Accidental Release Measures

Spill Clean up Absorb with an inert material and place in an appropriate waste disposal container. Dispose of according to all federal, state and local applicable regulations.

Section 7. Handling and Storage

Handling No special measures required.

Storage Keep out of the reach of children. Store between 40°F - 120°F.

Section 8. Exposure Controls, Personal Protection

Personal Protection **Protective Clothing (Pictograms)**

Eyes No special protection is required.

Body No special protective clothing is required.

Respiratory No special protection is required.

Section 9. Physical and Chemical Properties

Physical State	Slightly Viscous liquid.	Color	Clear, Green.
pH	6.5 - 7.5	Odor	Lemongrass.
Boiling Point	100°C (212°F)	Vapor Pressure	Not available.
Specific Gravity	1.053 (Water = 1)	Vapor Density	Not available.
Solubility	Soluble in water.	Evaporation Rate	1 compared to Water
		VOC (Consumer)	0.7%

Section 10. Stability and Reactivity

Stability and Reactivity	The product is stable.
Incompatibility	None identified.
Hazardous Polymerization	Will not occur.
Hazardous Decomposition Products	Carbon Dioxide, Carbon Monoxide and Other organic materials.

Section 11. Toxicological Information

Toxicity to Animals	Not applicable.
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Section 12. Ecological Information

Ecotoxicity	Not available.
Biodegradable/OECD	Not available.

Section 13. Disposal Considerations

Waste Information	Waste must be disposed of in accordance with federal, state and local environmental control regulations.	Waste Stream Code: - (None.)
		Classification: - (Non-hazardous waste)

Consult your local or regional authorities.

Section 14. Transport Information

Proper shipping name	Not applicable.	UN number	Not regulated.
DOT Classification	Not a DOT controlled material (United States).		

Section 15. Regulatory Information

U.S. Federal Regulations	SARA 313 toxic chemical notification and release reporting: No products were found.
	Clean Water Act (CWA) 311: No products were found.
	Clean air act (CAA) 112 regulated toxic substances: No products were found.

Section 16. Other Information

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.