



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 SUPER LUBRICANT
Product Use Aerosol Lubricant
Product Code 0257
Date of issue 09/19/05 **Supersedes** 01/22/01

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

Printing date: 09/19/05

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
LIGHT ALIPHATIC NAPHTHA; solvent naphtha (petroleum), medium aliphatics	64742-88-7	40 - 50	ACGIH TLV (United States). TWA: 100 ppm 8 hour(s). Supplier Suggested TLV (United States). TWA: 100 ppm 8 hour(s).
PARAFFIN OIL; blend of heavy and light naphthenic petroleum distillate	64742-52-5	10 - 20	OSHA PEL (United States). TWA: 5 mg/m ³ 8 hour(s). Form: Mist
BLEND OF ISOBUTANE & PROPANE	74-98-6; 75-28-5	10 - 20	ACGIH TLV (United States). TWA: 5 mg/m ³ 8 hour(s). Form: Mist 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. Ingestion.

Skin Hazardous in case of skin contact (irritant, permeator). Skin inflammation is characterized by itching, scaling, reddening, or, occasionally, blistering. Can cause central nervous system depression. Defatting properties, may aggravate an existing dermatitis

Eyes Hazardous in case of eye contact (irritant). Direct contact may cause irritation and redness.

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

Ingestion Aspiration hazard if swallowed- can enter lungs and cause damage. Vomiting increases risk of chemical pneumonia or pulmonary edema caused by aspiration of hydrocarbon solvents.

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
Fire Hazard	4
Reactivity	0
Personal Protection	B

Carcinogenic Effects

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

Chronic Effects

Defatting to the skin. Prolonged or repeated contact may dry skin and cause irritation. Repeated or prolonged exposure to the substance can produce damage to central nervous system, kidneys, and lungs.

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 affected area with soap or mild detergent 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 anything by mouth to an unconscious person. Get medical attention immediately.

Section 5. Fire Fighting Measures

Flash Point	Not available.	Flammable Limits	Not determined.
Flammability	Extremely flammable. (CSMA)		
Fire Hazard	Flammable liquid and vapor. Container explosion may occur under fire conditions or when heated. Cool closed containers exposed to fire with water.		
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	Spills are unlikely due to packaging.
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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. Wash contaminated clothing before reusing. Wash thoroughly after handling.
Storage	Store and use away from heat, sparks, open flame, or any other ignition source. Store below 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	Safety glasses.	
Body	Neoprene gloves. Nitrile gloves. Natural rubber (latex) 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	Brown.
pH	Not applicable	Odor	Hydrocarbon.
Boiling Point	176.7°C (350°F)	Vapor Pressure	<0.1 kPa (<1 mmHg) (at 20°C)
Specific Gravity	0.855 (Water = 1)	Vapor Density	>1 (Air = 1)
Solubility	Easily soluble in cold water, hot water.	Evaporation Rate	<0.2 compared to Butyl acetate.
		VOC (Consumer)	49.9% 3.56 (lb/gal) 426 (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 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: D001 Classification: - (Hazardous waste.) Origin: - (RCRA 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:

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.