



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 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

Printing date: 09/11/06

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
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

Health	1
Fire Hazard	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, CO ₂ , 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.)
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Consult your local or regional authorities.

Section 14. Transport Information

Proper shipping name	Consumer Commodity	UN number	Not applicable
DOT Classification	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.

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.