

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



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500 TRANSPORT DR
LEES SUMMIT MO 64081-3290

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 For MSDS Information:

Telephone 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

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	60 - 70	Not established
	74-98-6; 75-28-	10 - 20	ACGIH TLV (United States) TWA: 800 ppm 8 hours)
	5		OSHA PEL (United States) TWA: 1000 ppm 8 hours)

Section 3. Hazards Identification

Acute Effects

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

Skin

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.

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.
Prolonged or repeated contact may dry skin and cause irritation.

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.
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 out of the reach of children. Incinerate.

Section 8. Exposure Controls, Personal Protection

Eyes Safety glasses.
Body Chemical resistant gloves. (neoprene, nitrile)
Respiratory Use with adequate ventilation. Avoid breathing vapors or spray mists.
Protective Clothing (Pictograms)

Section 9. Physical and Chemical Properties

Physical State Liquid (Aerosol.)
pH Not applicable.
Boiling Point >315°C (600°F)
Specific Gravity 0.891 (Water = 1)
Solubility Emulsifies in water.
Color Brown.
Odor Plesant.
Vapor Pressure Not available.
Vapor Density Not determined.
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 Waste must be disposed of in accordance with federal, state and local environmental control regulations.
Information Classification: - (Hazardous waste.)
Origin: - (RCA 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.

Product Code 0030

Material Safety Data Sheet

Product Name ZEP 70

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.

