

AMSOIL Material Safety Data Sheet

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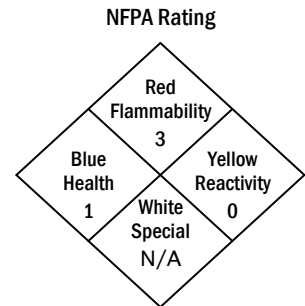
Section 1: Product and Company Identification

Manufacturer: AMSOIL, Inc. Telephone: CHEMTREC (Spill Emergency Only): 1-800-424-9300
925 Tower Avenue Information: 715-392-7101
Superior, WI 54880

Product CodeGLC-16, NLGI #2 (Aerosol)
Label Name High Temperature MP Synthetic Lithium Complex Grease
Product Use..... LUBRICATING SPRAY GREASE

Section 2: Composition/Information on Ingredients

OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200)
1-Decene, Homopolymer, Hydrogenated Base, CAS# Mixture, appx wt 37-40%
ACGIH & OSHA PEL: 5mg/m³ (mist)
Antimony Dialkyldithiocarbamate, CAS# 15890-25-2, appx wt 1-2%
Heptane, CAS# 142-82-5, appx wt 25-30%
ACGIH & OSHA PEL: 400 ppm
Liquified Petroleum Gas, CAS# 68476-85-7, appx wt 25-30%
ACGIH & OSHA PEL: 1000 ppm



*See Section 8 for exposure limits.

Section 3: Hazards Identification

WARNING! Extremely Flammable Liquid, vapor may cause flash fire
POTENTIAL HEALTH EFFECTS: Minor eye, inhalation and skin irritant.

*See Section 11 for toxicological information.

Section 4: First Aid Measures

EYE: Flush with water for 15-20 minutes. Seek medical attention if irritation develops.

SKIN: Wash immediately with soap and water. Remove contaminated clothing and launder before reuse. Discard shoes and leather articles saturated with the product. Obtain medical advice if irritation occurs.

INHALATION: Remove exposed person to fresh air. If breathing is labored give oxygen. If breathing has stopped apply artificial respiration. Get immediate medical attention.

INGESTION: DO NOT INDUCE VOMITING. If conscious, give 2 glasses of water. If vomiting does occur, keep head below hips to reduce risk of aspiration. Get immediate medical attention.

Section 5: Fire Fighting Measures

FLAMMABILITY PROPERTIES:

Flash Point25°F (-4°C)
Method TCC (ASTM D-56)
LFL/UFL 1.1 / 6.7
Auto-ignition Temperature..... Not Determined

EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, and alcohol foam.

FIREFIGHTING EQUIPMENT: Full bunker gear recommended including a positive pressure self-contained breathing apparatus.

UNUSUAL FIRE & EXPLOSION HAZARDS: Closed containers may explode from internal pressure build-up when exposed to extreme heat and discharge contents. Vapor accumulation can flash or explode if ignited. Thermal decomposition of product may include toxic oxides of carbon. Overexposure may cause health hazards.

Section 6: Accidental Release Measures

Isolate spill area. Provide adequate ventilation. Wear appropriate personal protection. Recover free product for recycle and/or disposal. Add sand, earth or other suitable absorbent to spill area. Prevent entry into sewers and waterways. Check under Transportation and Labeling (DOT/CERCLA) and Other Regulator Information Section (SARA) for hazardous substances to determine regulatory reporting requirements for spill.

Section 7: Handling and Storage

HANDLING: Do not puncture or incinerate can. Do not stick pin or other sharp object into opening on top of can. Avoid contact with eyes, skin or clothing. Wash hands after handling, container may retain product residue, which may exhibit hazards of product.

STORAGE: Store and use in cool well-ventilated areas. Do not store above 120°F. Keep away from heat or flame.

Section 8: Exposure Controls/Personal Protection

VENTILATION: Use adequate general or local exhaust ventilation to keep airborne concentrations below exposure limits.

RESPIRATORY: Use a NIOSH approved respirator when necessary.

SKIN: Use Viton or Nitrile gloves to avoid prolonged or repeated skin contact.

EYE: Use splash goggles or face shield where splashing is expected or can occur.

EXPOSURE LIMITS: The Threshold Limit Value (TLV) of 5 mg/m³ is suggested for oil mist.

Section 9: Physical and Chemical Properties

Physical State.....	Liquid
Boiling Point	-44 ⁰ F (-500 ⁰ C)
Freezing/Melting Point.....	Not Applicable
Vapor Pressure	70 psig
Vapor Density (Air=1)	>1
Evaporation Rate.....	Not Determined
Solubility in Water.....	Negligible
Specific Gravity (Water=1)	<1
Density, lb./gal.....	Not Applicable
Volatility (Volume)	50.0%
VOC.....	Unknown
pH.....	Neutral
Odor.....	Mild, Petroleum
Odor Threshold	Not Determined
Appearance	Red, viscous spray
Viscosity, cSt @ 100°C	Not Applicable
Viscosity, cSt @ 40°C	Not Applicable

Section 10: Stability and Reactivity

STABILITY: Stable. Avoid applications to hot surfaces.

INCOMPATIBILITY: Avoid contact with strong oxidants.

HAZARDOUS POLYMERIZATION: Will not occur.

HAZARDOUS DECOMPOSITION OF PRODUCT: May produce fume when heated to decomposition Toxic oxides of carbon, aldehydes and other products of incomplete combustion.

Section 11: Toxicological Information

ACUTE EXPOSURE

Eye Irritation: Moderate to strong eye irritation. Based on data from components or similar material.

Skin Irritation: Not expected to be a primary skin irritant. Based on data from components or similar material. Prolonged or repeated skin contact as from clothing wet with material may cause dermatitis. Symptoms may include redness, edema, drying, defatting, and cracking of the skin.

Respiratory Irritation: If material is misted or if vapors are generated from heating, exposure may cause irritation of mucous membranes and the upper respiratory tract similar to that observed with mineral oil. Based on data from components or similar materials. Under good industrial hygiene practices where all exposure limits are observed, respiratory irritation should not be a problem.

CHRONIC EXPOSURE

Chronic Toxicity: No data available to indicate product present at greater than 1.0% are chronic health hazards.

Carcinogenicity: No data available to indicate product present at greater than 0.1% are a carcinogenic hazard.

Mutagenicity: No data available to indicate product present at greater than 1.0% present a mutagenic or genotoxic hazard.

Reproductive Toxicity: No data available to indicate product present at greater than 1.0% present a reproductive hazard.

Teratogenicity: No data available to indicate product present at greater than 1.0% present a teratogenic hazards.

ADDITIONAL INFORMATION

Exposure Limits: Under conditions which may generate mists, observe the OSHA PEL of 5 mg per cubic meter.

Section 12: Ecological Information

No data available on the adverse effects of this product on the environment.

Section 13: Disposal Considerations

Material is expected to be hazardous when disposed. Dispose of in accordance with all local, state and federal regulations as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261.

Section 14: Transport Information

This product is not classified as hazardous material for DOT shipping. For further information relative to spills resulting from transportation incidents, refer to the latest DOT Emergency Response Guidebook for Hazardous Materials.

Section 15: Regulatory Information

U.S. Federal Regulations

OSHA Table Z..... Components present hazard by definition of Hazard Communication Standard (1910. 1200)

TSCA All components of this material are listed on the U.S. TSCA Inventory.

CERCLA 40 CFR 302.4Zinc and Compounds@ 0-2%, Statutory RQ 1 lb

SARA Title III

Section 302 Extremely HazardousNot Applicable

Section 311/312

Fire Hazard..... Yes

Reactive Hazard..... No

Release of Pressure..... Yes

Acute Health Hazard Yes

Chronic Health Hazard No

Section 313 Toxic Chemical..... Antimony Dialkyldithiocarbomate 1-2%

.....Antimony 0.1-0.2%

U.S. State Regulations

California (Prop 65)

Does not contain chemicals known to the state of California to cause cancer.

International Regulations

WHMIS.....All components listed

Section 16: Other Information

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