AMSOIL Material Safety Data Sheet

Date Issued/Revised: February 21, 2006
Supersedes: June 18, 2003

Section 1: Product and Company Identification

Manufacturer: AMSOIL, Inc.
925 Tower Avenue
Superior, WI 54880

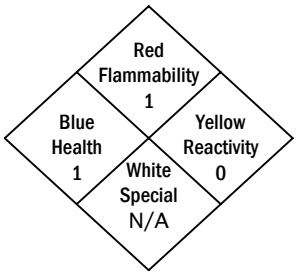
Telephone:
CHEMTREC (Spill Emergency Only): 1-800-424-9300
Information: 715-392-7101

Product Code	GHB, NLGI #1	GHD, NLGI #2
Label Name	EP HD Synthetic Lithium Complex Grease Moly Fortified	

Product Use ..... LUBRICATING GREASE

Section 2: Composition/Information on Ingredients

NFPA & HMIS Rating



OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200)

This product is not formulated to contain ingredients that have exposure limits exceeding those established by US agencies.

*See Section 8 for exposure limits.

Section 3: Hazards Identification

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:

	GHB, NLGI #1	GHD, NLGI #2
Flash Point	450°F(232°C)	450°F(232°C)

Method ..... COC ASTM D-92
LFL/UFL .....Not Determined
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.

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: Keep containers closed. Avoid contact with eyes, skin or clothing. Wash hands after handling. Empty container may retain product residue which may exhibit hazards of product.

STORAGE: Keep away from heat or flame.

Section 8: Exposure Controls/Personal Protection

Chemical	%	OSHA PEL Limit
Antimony and Compounds	0-2	0.5 mg/m3

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/m^3 is suggested for oil mist.

Section 9: Physical and Chemical Properties

	GHB, NLGI #1	GHD, NLGI #2
Physical State	Semi-Solid	
Boiling Point	Not Determined	
Freezing/Melting Point	-0°F(-17°C)/500°F(260°C)	
Vapor Pressure	Not Determined	
Vapor Density (Air=1)	Negligible	
Evaporation Rate	Not Determined	
Solubility in Water	Negligible	
Specific Gravity (Water=1)	0.8900	
Density, lb./gal.	7.412	
Volatility (Volume)	Negligible	
VOC	Unknown	
pH	Essentially Neutral	
Odor	Mild, Bland, Hydrocarbon Odor	
Odor Threshold	Not Determined	
Appearance	Dark Purple Smooth Semi-Solid	
Viscosity, cSt @ 100°C	19.2	
Viscosity, cSt @ 40°C	151	

Section 10: Stability and Reactivity

STABILITY: Stable under moderately elevated temperatures and pressures.

INCOMPATIBILITY: Avoid contact with strong oxidants.

HAZARDOUS POLYMERIZATION: Will not occur.

HAZARDOUS DECOMPOSITION OF PRODUCT: 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.

There are extensive toxicological data available on the various components of this product. An adequate representation of all these data is beyond the scope of this document. Please contact the AMSOIL Material Safety Data Sheet Coordinator for more detail.

Section 12: Ecological Information

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

Section 13: Disposal Considerations

If this product as supplied becomes a waste, it does not meet the criteria of a hazardous waste 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.

Please Note: Antimony Compounds, inorganic liquid, n.o.s., Hazard Class 6.1, UN3141

Section 15: Regulatory Information

U.S. Federal Regulations

OSHA Table Z ..... Synthetic Base Stock (mist) and Antimony and Compounds
TSCA ..... Not Applicable
CERCLA 40 CFR 302.4..... Antimony and Compounds @ 0-2% Statutory RQ 1 lb.
..... Zinc and Compounds@ 0-2%, Statutory RQ 1 lb
SARA Title III
Section 302 Extremely Hazardous..... Not Applicable
Section 311/312
Fire Hazard ..... Yes
Reactive Hazard..... No
Release of Pressure..... No
Acute Health Hazard ..... Yes
Chronic Health Hazard..... No
Section 313 Toxic Chemical..... Antimony and Compounds Listed

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

The information and recommendations contained herein are, to the best of AMSOIL's knowledge and belief, accurate and reliable as of the date issued. AMSOIL makes no warranty or guarantee, expressed or implied, of their accuracy or reliability, and AMSOIL shall not be liable for any loss or damage based upon the criteria supplied by the developers of these rating systems, together with AMSOIL's interpretation of the available data.