



Material Safety Data Sheet

Issue Date: October 27, 2008

Revised Date: April 1, 2010

Reason: Added HMIS codes

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name: Super Lube® Grease NLGI #1

Product use: Lubricant

Company address:

Synco Chemical Corporation
24 DaVinci Dr., P.O. Box 405
Bohemia, NY 11716

Contact Information:

Telephone: 631-567-5300
Emergency telephone: 800-424-9300
Internet: www.super-lube.com
E-Mail: info@super-lube.com

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Physical state: Semi-solid

Color: Translucent

Odor: Mild

WARNING:

MAY CAUSE SKIN OR EYE IRRITATION

WHMIS hazard class: Not Hazardous

HMIS codes: Health - 0

Fire - 1

Hazard - 0

Other - 0

Relevant routes of exposure:

Skin, Eyes

Potential Health Effects

Inhalation:

Not expected to cause respiratory tract irritation during normal conditions of use.

Skin contact:

Repeated or prolonged contact may be irritating to skin.

Eye contact:

Contact with eyes may cause irritation.

Ingestion:

Not expected under normal conditions of use.

Existing conditions aggravated by exposure:

None generally recognized.

See Section 11 for additional toxicological information.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Components</u>	<u>%</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>	<u>OTHER</u>
Polyalphaolefin 68037-01-4	<85	5mg/m ³ TWA (mist:) 10mg/m ³ STEL (mist:)	5mg/m ³ TWA (mist:)	None
White mineral oil (petroleum) 8042-47-5	<25	5mg/m ³ TWA (mist:) 10mg/m ³ STEL (mist:)	5mg/m ³ TWA (mist:)	None
Fumed Silica 68611-44-9	<5	10mg/m ³ TWA	6mg/m ³ TWA	None
Polytetrafluoroethylene 9002-84-0	<4	Not established	Not established	None
Antioxidant 41484-35-9	<2	Not established	Not established	None
Polyglycol 025322-69-4	<1			AIHA WEEL is 50 ppm Total 10mg/m ³ aerosol only
Proprietary Additives	<0.5	Not established	Not established	None

4. FIRST AID MEASURES

Inhalation:	Remove to fresh air. If discomfort persists seek medical attention.
Skin contact:	After contact with skin, wash immediately with plenty of water. Immediately flush skin with plenty of water (using soap, if available). Get medical attention if symptoms develop and persist.
Eye contact:	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention.
Ingestion:	Do not induce vomiting. Get medical attention.

5. FIRE-FIGHTING MEASURES

Flash point:	>428° F (220° C) COC
Auto ignition temperature:	Not available
Flammable/Explosive limits-lower %:	N/A
Flammable/Explosive limits-upper %:	N/A

Extinguishing media:	Carbon dioxide (CO2). Dry chemical. Foam.
Special fire fighting procedures:	None
Unusual fire or explosion hazards:	None
Hazardous combustion products:	Oxides of carbon.
Sensitivity to mechanical impact:	Not available
Sensitivity to static discharge:	Not available

6. ACCIDENTAL RELEASE MEASURES

Environmental precautions:	No special precautions required.
Clean-up methods:	Scrape up and dispose of in accordance with local and national regulations.

7. HANDLING AND STORAGE

Handling:	Good manufacturing procedures should be followed in handling and storage.
Storage:	Keep in cool, dry area.
Incompatible products:	Oxidizing agents.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering controls:	Local exhaust ventilation is recommended when general ventilation is not sufficient to control airborne contamination below occupational exposure limits.
Respiratory protection:	If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH.
Skin protection:	Chemical resistant, impermeable gloves.
Eye/face protection:	Safety glasses with side-shields.

See Section 3 for exposure limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Semi-solid
Color:	Translucent
Odor:	Mild
Odor Threshold:	Not available
Vapor pressure:	Not determined
pH:	Not applicable
Boiling point/range:	Not available
Melting point/range:	Not available
Specific gravity:	.89
Vapor density:	Not available
Evaporation rate:	Not available
Solubility in water:	Not soluble
Partition coefficient (n-octano/water):	Not determined
VOC content:	Essentially zero

10. STABILITY AND REACTIVITY

Stability:	Stable
Hazardous polymerization:	Will not occur.
Hazardous decomposition products:	None under normal use.
Incompatibility:	Oxidizing agents.
Conditions to avoid:	None known

11. TOXICOLOGICAL INFORMATION

Product toxicity data: Not available

Toxicologically synergistic products: Not available

Refer to the following for irritancy of Product, Sensitization to Product, Carcinogenicity, Reproductive Toxicity, Teratogenicity, and Mutagenicity.

Ingredient Toxicity Data & Carcinogen Status

Hazardous components	LD50s & LC50s	Other LD50s and LC50s	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen	ACGIH-Carcinogen
Polyalphaolefin Proprietary	None	None	No	No	No	No
White mineral Oil (petroleum) 8042-47-5	Oral LD50 (Rat) >5000 mg/kg	None	No	No	No	No

Antioxidant 41484-35-6	Oral LD50 (Rat) >5000 mg/kg Dermal LD50(Rabbit) >3000 mg/kg Inhalation LC50 (Rat) >3.5 mg/m ³	None	No	No	No	No
Fumed Silica 68611-44-9	Oral LD50 (Rat) >5000 mg/kg	None	No	No	No	No
Polytetra- fluoroethylene 9002-84-0	Not determined	None	No	No	No	No
Polyglycol 025322-69-4	Oral LD50 (Rats) >10,000 mg/kg Dermal LD50 (Rabbit) >10,000 mg/kg	None	No	No	No	No

Literature Referenced Target Organ & Other Health Effects

Hazardous Components	Health Effects/Target Organs
Polyalphaolefin Proprietary	No target organs
White mineral oil (petroleum) 8042-47-5	Irritant
Antioxidant 41484-35-6	No target organs
Fumed Silica 68611-44-6	Nuisance dust, irritant to eyes and skin
Polytetrafluoroethylene 9002-84-0	Irritant
Polyglycol 025322-69-4	No target organs

12. ECOLOGICAL INFORMATION

Ecological information:

General Notes: Water hazard class 1 (self assessment): slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach ground or sewage systems.

13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

Recommended method of disposal: Dispose of in accordance with federal and local regulations.

14. TRANSPORT INFORMATION

Transportation of Dangerous Goods – Ground:

Proper shipping name: Not regulated

Hazardous class or division: None
Identification number: None
Packing group: None

International Air Transportation (ICAO/IATA):

Proper shipping name: Not regulated
Hazardous class or division: None
Identification number: None
Packing group: None

Water Transportation (IMO/IMDG):

Proper shipping name: Not regulated
Hazardous class or division: None
Identification number: None
Packing group: None
Marine pollutant: None

15. REGULATORY INFORMATION

Canada Regulatory Information

CEPA DSL/NDSL Status: All components are listed on or are exempt from listing on the Domestic Substances List.

United States Regulatory Information

TSCA 8 (b) Inventory Status: All components are listed or are exempt from listing on the Toxic Substances Control Act Inventory.

SECTION 16: OTHER INFORMATION

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Product Regulations.

Data prepared by Environment protection department.