



## Material Safety Data Sheet

Issue Date: October 27, 2008

Revised Date: April 21, 2010

Reason: Added HMIS codes

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product name:** Super Lube® Oil w/PTFE

**Item No's:** 51010, 51014, 51004, 51030, 51040, 51050, 51550

**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](http://www.super-lube.com)  
E-Mail: info@super-lube.com

### 2. HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

**Physical state:** Liquid

**Color:** Translucent

**Odor:** Mild

**WHMIS hazard class:** Not Hazardous

**HMIS codes:** Health - 0

Fire - 1

Hazard - 0

Other - 0

**WARNING:**

MAY CAUSE SKIN OR EYE IRRITATION

**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<br>68037-01-4              | <80      | 5mg/m <sup>3</sup> TWA (mist :)<br>10mg/m <sup>3</sup> STEL (mist :) | 5mg/m <sup>3</sup> TWA(mist:)   | None   |
| White mineral oil (petroleum)<br>8042-47-5 | <20      | 5mg/m <sup>3</sup> TWA (mist :)<br>10mg/m <sup>3</sup> STEL (mist :) | 5mg/m <sup>3</sup> TWA (mist :) | None   |
| Fumed Silica<br>68611-44-9                 | <10      | 10mg/m <sup>3</sup> TWA  | 6mg/m <sup>3</sup> TWA          | None   |
| Polytetrafluoroethylene<br>9002-84-0       | <4       | Not established  | Not established                 | None   |
| Antioxidant<br>41484-35-9                  | <2       | Not established  | Not established                 | None   |
| Polyglycol<br>025322-69-4                  | <1       |  |                                 | AIHA WEEL<br>is 50 ppm Total<br>10mg/m <sup>3</sup> aerosol only |
| Proprietary Additives                      | <0.5     | Not established  | Not established                 | None   |

### 4. FIRST AID MEASURES

|                      |  |
|----------------------|--|
| <b>Inhalation:</b>   | Remove to fresh air. If discomfort persists seek medical attention.  |
| <b>Skin contact:</b> | 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. |
| <b>Eye contact:</b>  | Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention.  |
| <b>Ingestion:</b>    | Do not induce vomiting. Get medical attention.   |

## 5. FIRE-FIGHTING MEASURES

|  |   |
|--|---|
| <b>Flash point:</b>                        | >428° F (220° C) COC                      |
| <b>Auto ignition temperature:</b>          | Not available                             |
| <b>Flammable/Explosive limits-lower %:</b> | N/A                                       |
| <b>Flammable/Explosive limits-upper %:</b> | N/A                                       |
| <b>Extinguishing media:</b>                | Carbon dioxide (CO2). Dry chemical. Foam. |
| <b>Special fire fighting procedures:</b>   | None                                      |
| <b>Unusual fire or explosion hazards:</b>  | None                                      |
| <b>Hazardous combustion products:</b>      | Oxides of carbon.                         |
| <b>Sensitivity to mechanical impact:</b>   | Not available                             |
| <b>Sensitivity to static discharge:</b>    | Not available                             |

## 6. ACCIDENTAL RELEASE MEASURES

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

## 7. HANDLING AND STORAGE

|                               |   |
|-------------------------------|---|
| <b>Handling:</b>              | Good manufacturing procedures should be followed in handling and storage. |
| <b>Storage:</b>               | Keep in cool, dry area.   |
| <b>Incompatible products:</b> | Oxidizing agents.   |

## Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

|                              |   |
|------------------------------|---|
| <b>Engineering controls:</b> | Local exhaust ventilation is recommended when general ventilation is not sufficient to control airborne contamination below occupational exposure limits. |
|------------------------------|---|

|                                |  |
|--------------------------------|--|
| <b>Respiratory protection:</b> | If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH. |
| <b>Skin protection:</b>        | Chemical resistant, impermeable gloves.  |
| <b>Eye/face protection:</b>    | Safety glasses with side-shields.  |

**See Section 3 for exposure limits.**

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|  |                  |
|--|------------------|
| <b>Physical state:</b>                         | Liquid           |
| <b>Color:</b>                                  | Translucent      |
| <b>Odor:</b>                                   | Mild             |
| <b>Odor Threshold:</b>                         | Not available    |
| <b>Vapor pressure:</b>                         | Not determined   |
| <b>pH:</b>                                     | Not applicable   |
| <b>Boiling point/range:</b>                    | Not available    |
| <b>Melting point/range:</b>                    | Not available    |
| <b>Specific gravity:</b>                       | .87              |
| <b>Vapor density:</b>                          | Not available    |
| <b>Evaporation rate:</b>                       | Not available    |
| <b>Solubility in water:</b>                    | Not soluble      |
| <b>Partition coefficient (n-octano/water):</b> | Not determined   |
| <b>VOC content:</b>                            | Essentially zero |

## 10. STABILITY AND REACTIVITY

|  |                        |
|--|------------------------|
| <b>Stability:</b>                        | Stable                 |
| <b>Hazardous polymerization:</b>         | Will not occur.        |
| <b>Hazardous decomposition products:</b> | None under normal use. |
| <b>Incompatibility:</b>                  | Oxidizing agents.      |
| <b>Conditions to avoid:</b>              | None known             |

## 11. TOXICOLOGICAL INFORMATION

|  |               |
|--|---------------|
| <b>Product toxicity data:</b>                | Not available |
| <b>Toxicologically synergistic products:</b> | Not available |

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

### Ingredient Toxicity Data & Carcinogen Status

| Components                                 | LD50s & LC50s   | Other LD50s and LC50s | NTP Carcinogen | IARC Carcinogen | OSHA Carcinogen | ACGIH-Carcinogen |
|--|---|-----------------------|----------------|-----------------|-----------------|------------------|
| Polyalphaolefin<br>68037-01-4              | None  | None                  | No             | No              | No              | No               |
| White mineral Oil (petroleum)<br>8042-47-5 | Oral LD50 (Rat)<br>>5000 mg/kg  | None                  | No             | No              | No              | No               |
| Antioxidant<br>41484-35-6                  | Oral LD50 (Rat)<br>>5000 mg/kg<br>Dermal LD50(Rabbit)<br>>3000 mg/kg<br>Inhalation LC50 (Rat)<br>>3.5 mg/m <sup>3</sup> | None                  | No             | No              | No              | No               |
| Fumed Silica<br>68611-44-9                 | Oral LD50 (Rat)<br>>5000 mg/kg  | None                  | No             | No              | No              | No               |
| Polytetra-fluoroethylene<br>9002-84-0      | Not determined  | None                  | No             | No              | No              | No               |
| Polyglycol<br>025322-69-4                  | Oral LD50 (Rats)<br>>10,000 mg/kg<br>Dermal LD50 (Rabbit)<br>>10,000 mg/kg  | None                  | No             | No              | No              | No               |

### Literature Referenced Target Organ & Other Health Effects

| Components                                 | Health Effects/Target Organs             |
|--|--|
| Polyalphaolefin<br>68037-01-4              | No target organs                         |
| White mineral oil (petroleum)<br>8042-47-5 | Irritant                                 |
| Antioxidant<br>41484-35-6                  | No target organs                         |
| Fumed Silica<br>68611-44-6                 | Nuisance dust, irritant to eyes and skin |
| Polytetrafluoroethylene<br>9002-84-0       | Irritant                                 |
| Polyglycol<br>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:**

|                                     |               |
|-------------------------------------|---------------|
| <b>Proper shipping name:</b>        | Not regulated |
| <b>Hazardous class or division:</b> | None          |
| <b>Identification number:</b>       | None          |
| <b>Packing group:</b>               | None          |

**International Air Transportation (ICAO/IATA):**

|                                     |               |
|-------------------------------------|---------------|
| <b>Proper shipping name:</b>        | Not regulated |
| <b>Hazardous class or division:</b> | None          |
| <b>Identification number:</b>       | None          |
| <b>Packing group:</b>               | None          |

**Water Transportation (IMO/IMDG):**

|                                     |               |
|-------------------------------------|---------------|
| <b>Proper shipping name:</b>        | Not regulated |
| <b>Hazardous class or division:</b> | None          |
| <b>Identification number:</b>       | None          |
| <b>Packing group:</b>               | None          |
| <b>Marine pollutant:</b>            | 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.