



## Material Safety Data Sheet

Issue Date: October 27, 2008

Revised Date: April 26, 2012

Reason: Add CO2 Data

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product name:** Super Lube® Aerosol

**Item No:** 31040, 31110, 32015, 33006

**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:** Aerosol

**Color:** Translucent

**Odor:** Aliphatic

**WHMIS hazard class:** A, B.5

**HMIS codes:** Fire - 3

Health - 2

Reactance - 0

Other - 0

**DANGER:**

CONTENTS UNDER PRESSURE

VAPOR MAY CAUSE FLASH FIRE

HARMFUL IF INHALED

CAUSES EYE, SKIN AND RESPIRATORY TRACT IRRITATION



**F+ EXTREMELY FLAMMABLE**

**Relevant routes of exposure:**

Skin, Inhalation, Eyes

**Potential Health Effects**

**Inhalation:**

Vapors and mists will irritate the respiratory tracts and nasal passages. Overexposure may cause nervous system depression. Extreme overexposure may result in unconsciousness and possibly death.

**Skin contact:**

Irritating to skin.

**Eye contact:**

Contact with eyes will 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

Hazardous Components	%	ACGIH TLV	OSHA PEL	OTHER
N-Heptane 142-82-5	<80	400 ppm TWA 500 ppm TWA	2000 mg/m <sup>3</sup> TWA 500 ppm TWA	None
 Xn, Xi, F+, N; R12-38-51/53-65-67 Additional information: For the wording of the listed risk phrases refer to section 16.				

#### Other components

Polyalphaolefin 68037-01-4	<13	5mg/m <sup>3</sup> TWA (mist :) 10mg/m <sup>3</sup> STEL (mist :)	5mg/m <sup>3</sup> TWA (mist :)	None
White mineral oil (petroleum) 8042-47-5	<7	5mg/m <sup>3</sup> TWA (mist :) 10mg/m <sup>3</sup> STEL (mist :)	5mg/m <sup>3</sup> TWA (mist :)	None
Antioxidant 41484-35-9	<0.5	Not established	Not established	None
Fumed Silica 68611-44-9	<3	10mg/m <sup>3</sup> TWA	6mg/m <sup>3</sup> TWA	None
Polytetrafluoroethylene 9002-84-0	<1	Not established	Not established	None
Polyglycol 025322-69-4	<0.5			AIHA WEEL is 50 ppm Total 10mg/m <sup>3</sup> aerosol only
Proprietary Additives	<0.5	Not established	Not established	None
Carbon Dioxide 124-38-9	<4	5000 ppm TWA	9100mg/ m <sup>3</sup>	None

### 4. FIRST AID MEASURES

<b>Inhalation:</b>	Remove to fresh air. Restore breathing.
<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 immediately.

Notes to physician:

Treatment:

## 5. FIRE-FIGHTING MEASURES

**Flash point:** Not available

**Autoignition temperature:** Not available

**Flammable/Explosive limits-lower %:** 1.1 (vol %)

**Flammable/Explosive limits-upper %:** 7.0 (vol %)

**Extinguishing media:** Carbon dioxide (CO<sub>2</sub>). Dry chemical. Foam.

**Special fire fighting procedures:** Water spray may be ineffective. Water should be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

**Unusual fire or explosion hazards:** Closed containers may rupture (due to build up of pressure) when exposed to extreme heat.

**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 information available

**Clean-up methods:** Remove all ignition sources. Ventilate area. Soak up with inert absorbent.

## 7. HANDLING AND STORAGE

**Handling:** Use only with adequate ventilation. Avoid contact with eyes, skin and clothing. Do not breathe mist or vapors.

**Storage:** Do not puncture, incinerate, or expose to temperatures above 48.9° C (120° F). Heat from sunlight, radiators, stoves, hot water, and other heat sources could cause containers to burst.

**Incompatible products:** None reasonably foreseeable.

## 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>	Aerosol
<b>Color:</b>	Translucent
<b>Odor:</b>	Aliphatic
<b>Odor Threshold:</b>	Not available
<b>Vapor pressure:</b>	5.0 – 5.5 BAR @ 20° C
<b>pH:</b>	Not applicable
<b>Boiling point/range:</b>	Not available
<b>Melting point/range:</b>	Not available
<b>Specific gravity:</b>	Not available
<b>Vapor density:</b>	Heavier than air
<b>Evaporation rate:</b>	Faster than ether
<b>Solubility in water:</b>	Not soluble
<b>Partition coefficient (n-octano/water):</b>	Not available
<b>VOC content:</b>	<50%

## 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>	None known.
<b>Conditions to avoid:</b>	Heat, flames and sparks.

## 11. TOXICOLOGICAL INFORMATION

<b>Product toxicity data:</b>	Not available
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**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**

<b>Hazardous components</b>	<b>LD50s &amp; LC50s</b>	<b>Other LD50s and LC50s</b>	<b>NTP Carcinogen</b>	<b>IARC Carcinogen</b>	<b>OSHA Carcinogen</b>	<b>ACGIH-Carcinogen</b>
n-Heptane 142-82-5	Inhalation LC50 (Rat) = 103 g/m <sup>3</sup>	None	No	No	No	No
<b>Other components</b>						
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 <sup>3</sup>	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
Carbon Dioxide 124-38-9	Inhalation LC50 Human = 100000 ppm/min.	None	No	No	No	No

**Literature Referenced Target Organ & Other Health Effects**

<b>Hazardous components</b>	<b>Health Effects/Target Organs</b>
n-Heptane 142-82-5	Central nervous system, irritant
<b>Other components</b>	
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
Carbon Dioxide 124-38-9	Harmful by inhalation

## 12. ECOLOGICAL INFORMATION

**Ecological information:** Not available

## 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:** Consumer Commodity, ORM-D  
**Hazardous class or division:** None  
**Identification number:** None  
**Packing group:** None

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

**Proper shipping name:** Aerosols, Flammable  
**Hazardous class or division:** 2.1  
**Identification number:** UN 1950  
**Packing group:** Y203  
**Exceptions:** (Not more than 500 ml) May qualify as Consumer Commodity ID8000

### Water Transportation (IMO/IMDG):

**Proper shipping name:** Aerosols, LTD. QTY.  
**Hazardous class or division:** 2  
**Identification number:** UN 1950  
**Packing group:** None  
**Marine pollutant:** None

## 15. REGULATORY INFORMATION

**Labeling according to EU guidelines:** The product has been classified and marked in accordance with EU Directives/Ordinance on Hazardous Materials.

**Code letter and hazard designation of product:**  
F+ Extremely flammable.

**Risk phrases:**  
12 Extremely flammable.

52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

67 Vapors may cause drowsiness and dizziness.

**Safety phrases:**

3/7 Keep container tightly closed in a cool place.

16 Keep away from sources of ignition-No smoking.

23 Do not breathe fumes/aerosol.

51 Use only in well ventilated areas.

**Special labeling of certain preparations:**

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C.

Do not pierce or burn even after use.

Keep out of reach of children.

**National regulations:**

**Water hazard class:**

Water hazard class 1 (Self-assessment): slightly hazardous for water.

**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.

**Relevant R-phrases:**

11 Highly flammable

38 Irritating to skin.

51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

65 Harmful: may cause lung damage if swallowed.

67 Vapors may cause drowsiness and dizziness.

Data prepared by Environment protection department.