

Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g), Rev. 2012 and GHS Rev 03.

Printing date 11/18/2014

Reviewed on 11/18/2014

1 Identification

- **Product identifier**
- **Trade name: Super Lube® Multi-Purpose Grease w/PTFE**
- **Product description** Lubricant
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
Synco Chemical Corporation
24 DaVinci Drive P.O. Box 405
Bohemia, NY 11716
Phone: 631-567-5300
www.super-lube.com
info@super-lube.com
- **Emergency telephone number:**
United States - 800-424-9300
UK - National Poisons Emergency: +44 870 600 6266 (24 hour - health professionals only)
Ireland - National Poisons Information Centre: +353 1 8379964

2 Hazard(s) identification

- **Classification of the substance or mixture**
The product is not classified as hazardous according to the Globally Harmonized System (GHS).
- **Label elements**
- **GHS label elements** Non-Regulated Material
- **Hazard pictograms** Non-Regulated Material
- **Signal word** Non-Regulated Material
- **Hazard statements** Non-Regulated Material
- **Classification system:**
- **NFPA ratings (scale 0 - 4)**



- **HMS-ratings (scale 0 - 4)**

HEALTH	0	Health = 0
FIRE	1	Fire = 1
REACTIVITY	0	Reactivity = 0

3 Composition/information on ingredients

9002-84-0	Polytetrafluoroethylene	2.5-10%
25322-69-4	Polypropylene Glycol	≤ 2.5%
9003-27-4	Polyisobutylene	≤ 2.5%

- **Chemical characterization: Mixtures**
- **Description:** Mixture of the substances listed below with nonhazardous additions.

Dangerous Components:

68611-44-9	Fumed Silica	⚠ STOT SE 3, H335	2.5-10%
41484-35-9	Antioxidant	☠ Acute Tox. 3, H331	≤ 2.5%
8042-47-5	Mineral Oil		10-25%
151006-63-2	Polyalphaolefin		50-100%

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· **Additional information:**

Polyalphaolefin and mineral oil are substances with a community workplace exposure limit.

* 4 First-aid measures

· **Description of first aid measures**

· **General information:** No special measures required.

· **After inhalation:** Supply fresh air. If required, provide artificial respiration. Consult doctor if symptoms persist.

· **After skin contact:**

Wash areas with soap and water.

If symptoms persist, consult a doctor.

· **After eye contact:**

Rinse opened eye for several minutes under running water.

Seek medical treatment.

· **After swallowing:**

Do not induce vomiting.

Call a doctor if irritation or symptoms develop.

· **Most important symptoms and effects, both acute and delayed** No further relevant information available.

· **Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

* 5 Fire-fighting measures

· **Extinguishing media**

· **Suitable extinguishing agents:** Carbon dioxide, dry chemical, foam

· **Special hazards arising from the substance or mixture** No further relevant information available.

· **Advice for firefighters**

· **Protective equipment:**

As in any fire, wear self-contained breathing apparatus pressure-demand (NIOSH approved or equivalent), and full protective gear to prevent contact with skin and eyes.

* 6 Accidental release measures

· **Personal precautions, protective equipment and emergency procedures** Not required.

· **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.

· **Methods and material for containment and cleaning up:**

Dispose of the collected material according to regulations.

· **Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

* 7 Handling and storage

· **Precautions for safe handling** Good manufacturing procedures should be followed in handling and storage.

· **Information about protection against explosions and fires:** No special measures required.

· **Conditions for safe storage, including any incompatibilities**

· **Storage:**

· **Requirements to be met by storerooms and receptacles:**

Store in a cool, dry place in tightly closed receptacles.

· **Information about storage in one common storage facility:** See Section 10 (Incompatible materials)

· **Further information about storage conditions:** None.

· **Specific end use(s)** No further relevant information available.

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* 8 Exposure controls/personal protection

· **Additional information about design of technical systems:** No further data; see section 7.

· **Control parameters**

· **Components with occupational exposure limits:**

151006-63-2 Polyalphaolefin	
ACGIH TLV	Short-term value: 10 mg/m ³ Long-term value: 5 mg/m ³
OSHA PEL	Long-term value: 5 mg/m ³
8042-47-5 Mineral Oil	
ACGIH TLV	Short-term value: 10 mg/m ³ Long-term value: 5 mg/m ³
OSHA PEL	Long-term value: 5 mg/m ³
68611-44-9 Fumed Silica	
ACGIH	Short-term value: 3 mg/m ³ Long-term value: 10 mg/m ³
OSHA PEL	Short-term value: 6 mg/m ³

· **Additional information:** The lists that were valid during the creation were used as basis.

· **Exposure controls**

Ventilation must be adequate to maintain the ambient workplace atmosphere below the exposure limit(s) outlined in the SDS. Where acceptable concentrations cannot be maintained by general mechanical ventilation, local exhaust ventilation is recommended.

· **Personal protective equipment:**

· **General protective and hygienic measures:**

The usual precautionary measures for handling chemicals should be followed.

· **Breathing equipment:** Not required.

· **Protection of hands:**



Protective gloves

· **Material of gloves**

Nitrile rubber, NBR

PVC gloves

· **Penetration time of glove material**

The exact break-through time has to be determined and observed by the manufacturer of the protective gloves.

· **Eye protection:** Safety glasses with side shields

· **Body protection:** Protective work clothing

* 9 Physical and chemical properties

· **Information on basic physical and chemical properties**

· **General Information**

· **Appearance:**

Form:

Semi-solid

Color:

Translucent

· **Odor:**

Mild

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- **Odor threshold:** Not determined.
- **pH-value:** Not applicable.
- **Change in condition**
 - Melting point/Melting range:** Not determined.
 - Boiling point/Boiling range:** Not determined.
- **Flash point:** > 220 °C (> 428 °F)
- **Flammability (solid, gaseous):** Not determined.
- **Ignition temperature:**
 - Decomposition temperature:** Not determined.
- **Auto igniting:** Product is not selfigniting.
- **Danger of explosion:** Product does not present an explosion hazard.
- **Explosion limits:**
 - Lower:** Not determined.
 - Upper:** Not determined.
- **Vapor pressure:** Not applicable.
- **Density @ 20 °C (68 °F):** 0.89 g/cm³ (7.427 lbs/gal)
- **Relative density** Not determined.
- **Vapour density** Not applicable.
- **Evaporation rate** Not applicable.
- **Solubility in / Miscibility with Water:** Insoluble.
- **Partition coefficient (n-octanol/water):** Not determined.
- **Viscosity:**
 - Dynamic:** Not applicable.
 - Kinematic:** Not applicable.
- **Solvent content:**
 - VOC content:** 0 %
- **Other information** No further relevant information available.

***10 Stability and reactivity**

- **Reactivity** No further relevant information available.
- **Chemical stability** Stable under normal conditions.
- **Thermal decomposition / conditions to be avoided:** No decomposition if used and stored according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** Strong oxidizing agents.
- **Hazardous decomposition products:** Formation of toxic gases is possible during heating or in case of fire.

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*** 11 Toxicological information**· **Information on toxicological effects**· **Acute toxicity:**· **LD/LC50 values that are relevant for classification:****8042-47-5 Mineral Oil**

Oral LD50 >5000 mg/kg (rat)

68611-44-9 Fumed Silica

Oral LD50 >5000 mg/kg (rat)

41484-35-9 Antioxidant

Oral LD50 (rat) (>5000 mg/kg)

Dermal LD50 >3000 mg/kg (rabbit)

Inhalative LC50 >3.5 mg/m³ (rat)**25322-69-4 Polypropylene Glycol**

Oral LD50 >10000 mg/kg (rat)

Dermal LD50 >10000 mg/kg (rabbit)

· **Primary irritant effect:**· **on the skin:** Frequent and prolonged skin contact may cause skin irritation.· **on the eye:** May be irritating.· **Sensitization:** No sensitizing effects known· **Additional toxicological information:**

The product is not subject to classification according to internally approved calculation methods for preparations:

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

· **Carcinogenic categories**· **IARC (International Agency for Research on Cancer)**

Group 1 - Carcinogenic to humans

Group 2A - Probably carcinogenic to humans

Group 2B - Possibly carcinogenic to humans

Group 3 - Not classifiable as to its carcinogenicity to humans

Group 4 - Probably not carcinogenic to humans

9002-84-0 Polytetrafluoroethylene

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· **NTP (National Toxicology Program)**

None of the ingredients are listed.

· **OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients are listed.

*** 12 Ecological information**· **Toxicity**· **Aquatic toxicity:** No further relevant information available.· **Persistence and degradability** No further relevant information available.· **Bioaccumulative potential** No further relevant information available.· **Mobility in soil** No further relevant information available.

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· Additional 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 water, water course or sewage system.

· Results of PBT and vPvB assessment**· PBT:** Not applicable.**· vPvB:** Not applicable.**· Other adverse effects** No further relevant information available.*** 13 Disposal considerations****· Waste treatment methods****· Recommendation:**

Do not allow product to reach sewage system.

Observe all federal, state and local environmental regulations when disposing of this material.

· Uncleaned packagings:**· Recommendation:**

Packagings that cannot be cleansed are to be disposed of in the same manner as the product.

*** 14 Transport information****· UN-Number****· DOT, ADN, IMDG, IATA**

Non-Regulated Material

· ADR

Non-Regulated Material

Not Regulated

· UN proper shipping name**· DOT, ADR, ADN, IMDG, IATA**

Non-Regulated Material

· Transport hazard class(es)**· DOT, ADR, ADN, IMDG, IATA****· Class**

Non-Regulated Material

· Packing group**· DOT, ADR, IMDG, IATA**

Non-Regulated Material

· Environmental hazards:**· Marine pollutant:**

No

· Special precautions for user

Not applicable.

· Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

· Transport/Additional information:**· ADR****· Excepted quantities (EQ)**

Not permitted as Excepted Quantity

· IMDG**· Excepted quantities (EQ)**

Not permitted as Excepted Quantity

· UN "Model Regulation":

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*** 15 Regulatory information****· Safety, health and environmental regulations/legislation specific for the substance or mixture****· Sara****· Section 355 (extremely hazardous substances):**

None of the ingredients are listed.

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· Section 313 (Specific toxic chemical listings):			
None of the ingredients are listed.			
· TSCA (Toxic Substances Control Act):			
All ingredients are listed.			
· Proposition 65			
· Chemicals known to cause cancer:			
None of the ingredients are listed.			
· Chemicals known to cause reproductive toxicity for females:			
None of the ingredients are listed.			
· Chemicals known to cause reproductive toxicity for males:			
None of the ingredients are listed.			
· Chemicals known to cause developmental toxicity:			
None of the ingredients are listed.			
· Carcinogenic categories			
· EPA (Environmental Protection Agency)			
None of the ingredients are listed.			
· TLV (Threshold Limit Value established by ACGIH)			
None of the ingredients are listed.			
· NIOSH-Ca (National Institute for Occupational Safety and Health)			
None of the ingredients are listed.			
· GHS label elements Non-Regulated Material			
· Hazard pictograms Non-Regulated Material			
· Signal word Non-Regulated Material			
· Hazard statements Non-Regulated Material			
· National regulations:			
The product is subject to be labeled according with the prevailing version of the regulations on hazardous substances.			
· State Right to Know			
151006-63-2	Polyalphaolefin		50-100%
8042-47-5	Mineral Oil		10-25%
68611-44-9	Fumed Silica	 STOT SE 3, H335	2.5-10%
9002-84-0	Polytetrafluoroethylene		2.5-10%
41484-35-9	Antioxidant	 Acute Tox. 3, H331	≤ 2.5%
25322-69-4	Polypropylene Glycol		≤ 2.5%
9003-27-4	Polyisobutylene		≤ 2.5%
All ingredients are listed.			
· Chemical safety assessment: A Chemical Safety Assessment has not been carried out.			

16 Other information

The information and recommendations in this safety data sheet are, to the best of our knowledge, accurate as of the date of issue. Nothing herein shall be deemed to create warranty, expressed or implied and shall not establish a legally valid contractual relationship. It is the responsibility of the user to determine applicability of this information and the suitability of the material or product for any particular purpose.

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· **Date of preparation / last revision** 11/18/2014 / 15

· **Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

ADN: The European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

Acute Tox. 3: Acute toxicity, Hazard Category 3

STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3

· *** Data compared to the previous version altered.**

SDS created by MSDS Authoring Services www.msdsauthoring.com (877) 204-9106