



Safety Data Sheet

according to (EU) 2015 / 830 and OSHA GHS



Page: 1/8

Revision: August 1, 2019

SECTION 1: Identification of the substance/mixture and of the company/undertaking

· 1.1 Product identifier

· Trade name: **Super Lube® High Viscosity Railroad Switch Plate Oil**

· Other means of identification:

No other identifiers.

· 1.2 Relevant identified uses of the substance or mixture and uses advised against

· Application of the substance / the mixture: Lubricant

· Uses advised against: No further relevant information available.

· 1.3 Details of the supplier of the Safety Data Sheet

· Manufacturer/Supplier:

Synco Chemical Corporation

24 DaVinci Dr., P.O. Box 405

Bohemia, NY 11716

Telephone: 631-567-5300

Email: info@super-lube.com

· 1.4 Emergency telephone number:

CHEMTREC

1-800-424-9300 (US/Canada)

+01 703-527-3887 (International)

SECTION 2: Hazards identification

· 2.1 Classification of the substance or mixture

· Classification according to Regulation (EC) No 1272/2008

The product is not classified as hazardous according to the CLP regulation.

The product is not classified as hazardous according to OSHA GHS regulations within the United States.

· 2.2 Label elements

· Labelling according to Regulation (EC) No 1272/2008

The product is not classified as hazardous according to OSHA GHS regulations within the United States.

The product is not classified as hazardous according to the CLP regulation.

· Hazard pictograms Not Regulated

· Signal word Not Regulated

· Hazard statements Not Regulated.

· Precautionary statements Not Regulated.

· 2.3 Other hazards There are no other hazards not otherwise classified that have been identified.

· Results of PBT and vPvB assessment

· PBT: Not applicable.

· vPvB: Not applicable.

(Cont'd. on page 2)

Safety Data Sheet

according to (EU) 2015 / 830 and OSHA GHS

Revision: August 1, 2019

Trade name: Super Lube® High Viscosity Railroad Switch Plate Oil

(Cont'd. from page 1)

SECTION 3: Composition/information on ingredients

- **3.2 Mixtures**
- **Description:** Mixture of substances listed below with nonhazardous additions.
- **Dangerous components:** None in reportable quantities.
- **Additional information:**
For the wording of the listed risk phrases refer to section 16.
For the listed ingredients, the identity and exact percentages are being withheld as a trade secret.

SECTION 4: First aid measures

- **4.1 Description of first aid measures**
- **After inhalation:**
Supply fresh air; consult doctor in case of complaints.
Provide oxygen treatment if affected person has difficulty breathing.
- **After skin contact:**
Immediately wash with water and soap and rinse thoroughly.
Seek medical treatment in case of complaints.
- **After eye contact:**
Remove contact lenses if worn.
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:**
Rinse out mouth and then drink plenty of water.
Do not induce vomiting; call for medical help immediately.
A person vomiting while lying on their back should be turned onto their side.
- **4.2 Most important symptoms and effects, both acute and delayed**
May cause gastro-intestinal irritation if ingested.
Nausea in case of ingestion.
- **4.3 Indication of any immediate medical attention and special treatment needed**
Treat symptomatically.

SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:**
Water haze or fog
Foam
Fire-extinguishing powder
Carbon dioxide
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **5.2 Special hazards arising from the substance or mixture**
Formation of toxic gases is possible during heating or in case of fire.
- **5.3 Advice for firefighters**
- **Protective equipment:**
Wear self-contained respiratory protective device.
Wear fully protective suit.

(Cont'd. on page 3)

Safety Data Sheet

according to (EU) 2015 / 830 and OSHA GHS

Revision: August 1, 2019

Trade name: Super Lube® High Viscosity Railroad Switch Plate Oil

(Cont'd. from page 2)

SECTION 6: Accidental release measures

· 6.1 Personal precautions, protective equipment and emergency procedures

- Ensure adequate ventilation
- Use personal protective equipment as required.
- Particular danger of slipping on leaked/spilled product.

· 6.2 Environmental precautions

- Avoid release to the environment.
- Prevent from spreading (e.g. by damming-in or oil barriers).

· 6.3 Methods and material for containment and cleaning up

- Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- Send for recovery or disposal in suitable receptacles.

· 6.4 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.

SECTION 7: Handling and storage

· 7.1 Precautions for safe handling

- Use only in well ventilated areas.
- Open and handle receptacle with care.
- **Information about fire - and explosion protection:** No special measures required.

· 7.2 Conditions for safe storage, including any incompatibilities

· Requirements to be met by storerooms and receptacles:

- Avoid storage near extreme heat, ignition sources or open flame.
- Store in cool, dry conditions in well sealed receptacles.

· Information about storage in one common storage facility: Store away from oxidising agents.

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

SECTION 8: Exposure controls/personal protection

· 8.1 Control parameters

· Ingredients with limit values that require monitoring at the workplace:

- The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

· 8.2 Exposure controls

· General protective and hygienic measures:

- The usual precautionary measures are to be adhered to when handling chemicals.
- Wash hands before breaks and at the end of work.
- Avoid breathing mist/vapours/spray.
- Avoid contact with the eyes.
- Avoid close or long term contact with the skin.

· Respiratory protection:

- Not required under normal conditions of use.

(Cont'd. on page 4)

Safety Data Sheet

according to (EU) 2015 / 830 and OSHA GHS

Revision: August 1, 2019

Trade name: Super Lube® High Viscosity Railroad Switch Plate Oil

(Cont'd. from page 3)

Use suitable respiratory protective device when aerosol or mist is formed.

· **Protection of hands:**



Protective gloves

Gloves are advised for repeated or prolonged contact.

Wear protective gloves to handle contents of damaged or leaking units.

· **Eye protection:**



Safety glasses

· **Body protection:** Protective work clothing

· **Limitation and supervision of exposure into the environment:** Avoid release to the environment.

· **Risk management measures:** No special requirements.

SECTION 9: Physical and chemical properties

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

· **Appearance**

· **Form:** Viscous liquid.

· **Colour:** Colourless

· **Odour:** Characteristic

· **Odour threshold:** Not determined.

· **pH-value:** Not determined.

· **Melting point/freezing point:** <-150 °C (<-238 °F)

· **Initial boiling point and boiling range:** 287 °C (548,6 °F)

· **Flash point:** 151 °C (303,8 °F)

· **Flammability (solid, gas):** Not applicable.

· **Auto/Self-ignition temperature:** 305 °C (581 °F)

· **Decomposition temperature:** Not determined.

· **Explosive properties:** Product does not present an explosion hazard.

· **Explosion limits**

· **Lower:** Not determined.

· **Upper:** Not determined.

· **Oxidising properties** Non-oxidising.

· **Vapour pressure at 20 °C (68 °F):** 0,000839 hPa

· **Density**

· **Relative density at 20 °C (68 °F):** 1,012

· **Vapour density:** >1 (air = 1)

· **Evaporation rate:** <1 (butyl acetate = 1)

(Cont'd. on page 5)

Safety Data Sheet

according to (EU) 2015 / 830 and OSHA GHS

Revision: August 1, 2019

Trade name: Super Lube® High Viscosity Railroad Switch Plate Oil

(Cont'd. from page 4)

- **Solubility in / Miscibility with water at 22 °C (71,6 °F):** 47 g/l
- **Partition coefficient: n-octanol/water:** Not determined.
- **Viscosity**
 - Dynamic at 20 °C (68 °F):** 78,34 mPas
 - Kinematic:** ~350 cSt
- **9.2 Other information** No further relevant information available.

SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:**
No decomposition if used and stored according to specifications.
- **10.3 Possibility of hazardous reactions** Reacts with oxidising agents.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials** Oxidising agents
- **10.6 Hazardous decomposition products**

Under fire conditions only:
Carbon monoxide and carbon dioxide

SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity:** Based on available data, the classification criteria are not met.

· LD/LC50 values relevant for classification:

25322-69-4 propane-1,2-diol, propoxylated

Oral	LD50	>5000 mg/kg (rat)
Dermal	LD50	>3000 mg/kg (rabbit)

- **Primary irritant effect**
- **Skin corrosion/irritation:** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation:** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitisation:** Based on available data, the classification criteria are not met.
- **Carcinogenic categories**

· IARC (International Agency for Research on Cancer):

Substance is not listed.

· NTP (National Toxicology Program):

Substance is not listed.

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

Substance is not listed.

(Cont'd. on page 6)

Safety Data Sheet

according to (EU) 2015 / 830 and OSHA GHS

Revision: August 1, 2019

Trade name: Super Lube® High Viscosity Railroad Switch Plate Oil

(Cont'd. from page 5)

- **Probable routes of exposure:**
Eye contact.
Skin contact.
Ingestion.
- **Germ cell mutagenicity:** Based on available data, the classification criteria are not met.
- **Carcinogenicity:** Based on available data, the classification criteria are not met.
- **Reproductive toxicity:** Based on available data, the classification criteria are not met.
- **STOT-single exposure:** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure:** Based on available data, the classification criteria are not met.
- **Aspiration hazard:** Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:** Avoid release to the environment.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation**
Contact waste processors for recycling information.
The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

SECTION 14: Transport information

- | | |
|-------------------------------------|---------------|
| 14.1 UN-Number | |
| · DOT, ADR, IMDG, IATA | Not Regulated |
| 14.2 UN proper shipping name | |
| · DOT, ADR, IMDG, IATA | Not Regulated |

(Cont'd. on page 7)

Safety Data Sheet

according to (EU) 2015 / 830 and OSHA GHS

Revision: August 1, 2019

Trade name: Super Lube® High Viscosity Railroad Switch Plate Oil

(Cont'd. from page 6)

- | | |
|--|-----------------|
| · 14.3 Transport hazard class(es) | |
| · DOT, ADR, IMDG, IATA | |
| · Class | Not Regulated |
| · 14.4 Packing group | |
| · DOT, ADR, IMDG, IATA | Not Regulated |
| · 14.5 Environmental hazards: | |
| · Marine pollutant: | No |
| · 14.6 Special precautions for user | Not applicable. |
| · 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code | Not applicable. |

SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- United States (USA)
- SARA

· Section 355 (extremely hazardous substances):
--

Substance is not listed.

· Section 313 (Specific toxic chemical listings):
--

Substance is not listed.

· TSCA (Toxic Substances Control Act):

Substance is listed.

· Proposition 65 (California):

· Chemicals known to cause cancer:

Substance is not listed.

· Chemicals known to cause reproductive toxicity for females:
--

Substance is not listed.

· Chemicals known to cause reproductive toxicity for males:
--

Substance is not listed.

· Chemicals known to cause developmental toxicity:

Substance is not listed.

· EPA (Environmental Protection Agency)
--

Substance is not listed.

· IARC (International Agency for Research on Cancer)

Substance is not listed.

· NIOSH-Ca (National Institute for Occupational Safety and Health)

Substance is not listed.

(Cont'd. on page 8)

Safety Data Sheet

according to (EU) 2015 / 830 and OSHA GHS

Revision: August 1, 2019

Trade name: Super Lube® High Viscosity Railroad Switch Plate Oil

(Cont'd. from page 7)

· **Canadian Domestic Substances List (DSL)**

Substance is listed.

· **Directive 2012/18/EU**

· **Named dangerous substances - ANNEX I** Substance is not listed.

· **Other regulations, limitations and prohibitive regulations**

· **Substances of very high concern (SVHC) according to REACH, Article 57**

Substance is not listed.

· **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Abbreviations and acronyms:**

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

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

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bio-accumulable, Toxic

vPvB: very Persistent and very Bioaccumulative

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

· **Sources**

Website, European Chemicals Agency (echa.europa.eu)

Website, US EPA Substance Registry Services (ofmpub.epa.gov/sor-internet/registry/substreg/home/overview/home.do)

Website, Chemical Abstracts Registry, American Chemical Society (www.cas.org)

Patty's Industrial Hygiene, 6th ed., Rose, Vernon, ed. ISBN: 978-0-470-07488-6

Casarett and Doull's Toxicology: The Basic Science of Poisons, 8th Ed., Klaasen, Curtis D., ed., ISBN: 978-0-07-176923-5.

Safety Data Sheets, Individual Manufacturers

SDS Prepared by:

ChemTel Inc.

1305 North Florida Avenue

Tampa, Florida USA 33602-2902

Toll Free North America 1-888-255-3924 Intl. +01 813-248-0573

Website: www.chemtelinc.com