

# SAFETY DATA SHEET

according to the Hazardous Products Regulations  
- CA



## GEO SH-130

Version 1.1	Revision Date: 2026-01-19	Date of last issue: 2021-10-19 Date of first issue: 2021-10-19	Print Date: 2026-01-19
----------------	------------------------------	---	------------------------

### SECTION 1. IDENTIFICATION

Product name : GEO SH-130

Article-No. : 340041

Other means of identification : No data available

#### Manufacturer or supplier's details

Company name of supplier : Klüber Lubrication NA LP  
9010 County Road 2120  
Tyler, Texas 75707  
USA  
Phone: +1 903 534 8021  
Fax: +1 903 581 4376  
info@us.kluber.com

Klüber Lubrication NA LP  
32 Industrial Drive  
Londonderry, NH 03053  
USA  
Phone: +1 603 647 4104  
Fax: +1 603 647 4106  
info@us.kluber.com

E-mail address of person responsible for the SDS : mcm@us.kluber.com

Emergency telephone number : +1 517 545 7070 NCEC

#### Recommended use of the chemical and restrictions on use

Recommended use : Lubricating oil

Restrictions on use : Restricted to professional users.

### SECTION 2. HAZARDS IDENTIFICATION

#### GHS classification in accordance with the Hazardous Products Regulations

Skin sensitisation : Category 1

# SAFETY DATA SHEET

according to the Hazardous Products Regulations  
- CA



## GEO SH-130

Version 1.1	Revision Date: 2026-01-19	Date of last issue: 2021-10-19 Date of first issue: 2021-10-19	Print Date: 2026-01-19
----------------	------------------------------	---	------------------------

### GHS label elements

Hazard pictograms :



Signal word : Warning

Hazard statements : May cause an allergic skin reaction.

Precautionary statements :

#### Prevention:

Contaminated work clothing should not be allowed out of the workplace.

Wear protective gloves.

#### Response:

IF ON SKIN: Wash with plenty of soap and water.

If skin irritation or rash occurs: Get medical advice/ attention.

Take off contaminated clothing and wash it before reuse.

#### Disposal:

Dispose of contents/ container to an approved waste disposal plant.

### Other hazards

None known.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Chemical nature : Synthetic hydrocarbon oil  
ester oil  
Mineral oil.

### Components

Chemical name	Common Name/Synonym	CAS-No.	Concentration (% w/w)
Phenol, 2(or 4)-C20-24-alkyl derivs., reaction products with carbon dioxide, distn. residues from manuf. of phenol (tetrapropenyl) d	Phenol, 2(or 4)-C20-24-alkyl derivs., reaction products with carbon dioxide, distn. residues from manuf. of	Not Assigned	Trade secret** ( $\geq 0.1 - < 1$ *)

# SAFETY DATA SHEET

according to the Hazardous Products Regulations  
- CA



## GEO SH-130

Version 1.1	Revision Date: 2026-01-19	Date of last issue: 2021-10-19 Date of first issue: 2021-10-19	Print Date: 2026-01-19
----------------	------------------------------	---	------------------------

	phenol (tetrapropenyl) d		
--	-----------------------------	--	--

\* Actual concentration or concentration range is withheld as a trade secret

### SECTION 4. FIRST AID MEASURES

- If inhaled : Remove person to fresh air. If signs/symptoms continue, get medical attention.  
Keep patient warm and at rest.  
If unconscious, place in recovery position and seek medical advice.  
Keep respiratory tract clear.  
If breathing is irregular or stopped, administer artificial respiration.
- In case of skin contact : Take off all contaminated clothing immediately.  
Wash off immediately with soap and plenty of water.  
Get medical attention immediately if irritation develops and persists.  
Wash clothing before reuse.  
Thoroughly clean shoes before reuse.
- In case of eye contact : Rinse immediately with plenty of water, also under the eyelids, for at least 10 minutes.  
If eye irritation persists, consult a specialist.
- If swallowed : Move the victim to fresh air.  
If unconscious, place in recovery position and seek medical advice.  
Keep respiratory tract clear.  
Do NOT induce vomiting.  
Rinse mouth with water.  
Never give anything by mouth to an unconscious person.
- Most important symptoms and effects, both acute and delayed : No symptoms known or expected.  
May cause an allergic skin reaction.
- Notes to physician : Treat symptomatically.

### SECTION 5. FIREFIGHTING MEASURES

- Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

# SAFETY DATA SHEET

according to the Hazardous Products Regulations  
- CA



## GEO SH-130

Version 1.1	Revision Date: 2026-01-19	Date of last issue: 2021-10-19 Date of first issue: 2021-10-19	Print Date: 2026-01-19
----------------	------------------------------	---	------------------------

- Unsuitable extinguishing media : High volume water jet
- Hazardous combustion products : Carbon oxides  
Sulphur oxides  
Metal oxides
- Further information : Standard procedure for chemical fires.  
Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
- Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.  
Use personal protective equipment.  
Exposure to decomposition products may be a hazard to health.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Evacuate personnel to safe areas.  
Use personal protective equipment.  
Ensure adequate ventilation.  
Do not breathe vapours or spray mist.  
Refer to protective measures listed in sections 7 and 8.
- Environmental precautions : Do not allow contact with soil, surface or ground water.  
Prevent further leakage or spillage if safe to do so.  
If the product contaminates rivers and lakes or drains inform respective authorities.
- Methods and materials for containment and cleaning up : Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

## SECTION 7. HANDLING AND STORAGE

- Advice on safe handling : Do not breathe vapours or spray mist.  
Avoid contact with skin and eyes.  
For personal protection see section 8.  
Smoking, eating and drinking should be prohibited in the application area.  
Wash hands and face before breaks and immediately after

# SAFETY DATA SHEET

according to the Hazardous Products Regulations  
- CA



## GEO SH-130

Version 1.1	Revision Date: 2026-01-19	Date of last issue: 2021-10-19 Date of first issue: 2021-10-19	Print Date: 2026-01-19
----------------	------------------------------	---	------------------------

handling the product.  
Do not get in eyes or mouth or on skin.  
Do not get on skin or clothing.  
Do not ingest.  
Do not repack.  
Do not re-use empty containers.  
These safety instructions also apply to empty packaging which may still contain product residues.  
Keep container closed when not in use.

Conditions for safe storage : Store in original container.  
Keep container closed when not in use.  
Keep in a dry, cool and well-ventilated place.  
Containers which are opened must be carefully resealed and kept upright to prevent leakage.  
Store in accordance with the particular national regulations.  
Keep in properly labelled containers.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Distillates (petroleum), solvent-refined heavy paraffinic	64741-88-4	TWA (Mist)	5 mg/m <sup>3</sup>	CA AB OEL (2009-04-30)
		STEL (Mist)	10 mg/m <sup>3</sup>	CA AB OEL (2009-04-30)
		TWAEV (Mist - Inhalable dust)	5 mg/m <sup>3</sup>	CA QC OEL (2022-04-13)
		TWA (Mist)	1 mg/m <sup>3</sup>	CA BC OEL (2021-01-04)
		TWA (Mist)	0.2 mg/m <sup>3</sup>	CA BC OEL (2021-01-04)
		TWA (Inhalable particulate matter)	5 mg/m <sup>3</sup>	ACGIH (2013-03-01)
Distillates (petroleum), hydrotreated heavy paraffinic	64742-54-7	TWA (Mist)	5 mg/m <sup>3</sup>	CA AB OEL (2009-04-30)
		STEL (Mist)	10 mg/m <sup>3</sup>	CA AB OEL (2009-04-30)
		TWAEV (Mist - Inhalable)	5 mg/m <sup>3</sup>	CA QC OEL (2022-04-13)

# SAFETY DATA SHEET

according to the Hazardous Products Regulations  
- CA



## GEO SH-130

Version 1.1      Revision Date: 2026-01-19      Date of last issue: 2021-10-19      Date of first issue: 2021-10-19      Print Date: 2026-01-19

		dust)		
		TWA (Mist)	1 mg/m <sup>3</sup>	CA BC OEL (2021-01-04)
		TWA (Inhalable particulate matter)	5 mg/m <sup>3</sup>	ACGIH (2013-03-01)

**Engineering measures** : none

### Personal protective equipment

Respiratory protection : Not required; except in case of aerosol formation.

Filter type : Filter type A-P

Hand protection

Material : Nitrile rubber

Break through time : > 10 min

Protective index : Class 1

Remarks : Wear protective gloves. The break through time depends amongst other things on the material, the thickness and the type of glove and therefore has to be measured for each case.

Eye protection : Safety glasses with side-shields

Skin and body protection : Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place.

Protective measures : The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Hygiene measures : Wash face, hands and any exposed skin thoroughly after handling.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state : liquid

Colour : yellow

Odour : mild

# SAFETY DATA SHEET

according to the Hazardous Products Regulations  
- CA



## GEO SH-130

Version 1.1	Revision Date: 2026-01-19	Date of last issue: 2021-10-19 Date of first issue: 2021-10-19	Print Date: 2026-01-19
----------------	------------------------------	---	------------------------

Odour Threshold : No data available

Melting point/ range : No data available

Boiling point/boiling range : No data available

Flammability : Flammability (solid, gas):  
Not applicable

Upper explosion limit / Upper flammability limit : No data available

Lower explosion limit / Lower flammability limit : No data available

Flash point :  $\geq 232$  °C  
Method: open cup

Auto-ignition temperature : No data available

Self-ignition : No data available

Decomposition temperature : No data available

pH : Not applicable

Viscosity  
Viscosity, dynamic : No data available  
Viscosity, kinematic : 78 mm<sup>2</sup>/s ( 40 °C)

Solubility(ies)  
Water solubility : insoluble  
Solubility in other solvents : No data available

Partition coefficient: n-octanol/water : No data available

Vapour pressure : < 0.001 hPa (20 °C)

Density : 0.84 g/cm<sup>3</sup> (20 °C)

# SAFETY DATA SHEET

according to the Hazardous Products Regulations  
- CA



## GEO SH-130

Version 1.1	Revision Date: 2026-01-19	Date of last issue: 2021-10-19 Date of first issue: 2021-10-19	Print Date: 2026-01-19
----------------	------------------------------	---	------------------------

Relative density : 0.842 (20 °C)  
Reference substance: Water  
The value is calculated

Relative vapour density : No data available

Bulk density : No data available

Particle characteristics  
Other information  
Evaporation rate : No data available

Explosive properties : Not explosive

Oxidizing properties : No data available

Sublimation point : No data available

## SECTION 10. STABILITY AND REACTIVITY

Reactivity : No hazards to be specially mentioned.

Chemical stability : Stable under normal conditions.

Possibility of hazardous reactions : No dangerous reaction known under conditions of normal use.

Conditions to avoid : No conditions to be specially mentioned.

Incompatible materials : No materials to be especially mentioned.

Hazardous decomposition products : No decomposition if stored and applied as directed.

## SECTION 11. TOXICOLOGICAL INFORMATION

### Acute toxicity

Based on available data, the classification criteria are not met.

### Product:

Acute oral toxicity : Acute toxicity estimate: > 2,000 mg/kg  
Method: Calculation method

# SAFETY DATA SHEET

according to the Hazardous Products Regulations  
- CA



## GEO SH-130

Version 1.1	Revision Date: 2026-01-19	Date of last issue: 2021-10-19 Date of first issue: 2021-10-19	Print Date: 2026-01-19
----------------	------------------------------	---	------------------------

Acute inhalation toxicity : Remarks: This information is not available.

Acute dermal toxicity : Symptoms: Redness, Local irritation

Acute toxicity estimate: > 2,000 mg/kg  
Method: Calculation method

### Skin corrosion/irritation

Based on available data, the classification criteria are not met.

#### Product:

Remarks : This information is not available.

#### Components:

**Phenol, 2(or 4)-C20-24-alkyl derivs., reaction products with carbon dioxide, distn. residues from manuf. of phenol (tetrapropenyl) d:**

Assessment : Irritating to skin.

Result : Irritating to skin.

### Serious eye damage/eye irritation

Based on available data, the classification criteria are not met.

#### Product:

Remarks : This information is not available.

### Respiratory or skin sensitisation

#### Skin sensitisation

May cause an allergic skin reaction.

#### Respiratory sensitisation

Based on available data, the classification criteria are not met.

#### Product:

Remarks : This information is not available.

#### Components:

**Phenol, 2(or 4)-C20-24-alkyl derivs., reaction products with carbon dioxide, distn. residues from manuf. of phenol (tetrapropenyl) d:**

Assessment : May cause sensitisation by skin contact.

Result : May cause sensitisation by skin contact.

### Germ cell mutagenicity

Based on available data, the classification criteria are not met.

# SAFETY DATA SHEET

according to the Hazardous Products Regulations  
- CA



## GEO SH-130

Version 1.1	Revision Date: 2026-01-19	Date of last issue: 2021-10-19 Date of first issue: 2021-10-19	Print Date: 2026-01-19
----------------	------------------------------	---	------------------------

### **Product:**

Genotoxicity in vitro : Remarks: No data available

Genotoxicity in vivo : Remarks: No data available

### **Carcinogenicity**

Based on available data, the classification criteria are not met.

### **Product:**

Remarks : No data available

### **Reproductive toxicity**

Based on available data, the classification criteria are not met.

### **Product:**

Effects on fertility : Remarks: No data available

Effects on foetal development : Remarks: No data available

### **STOT - single exposure**

Based on available data, the classification criteria are not met.

### **Product:**

Remarks : No data available

### **STOT - repeated exposure**

Based on available data, the classification criteria are not met.

### **Product:**

Remarks : No data available

### **Repeated dose toxicity**

### **Product:**

Remarks : This information is not available.

### **Aspiration toxicity**

Based on available data, the classification criteria are not met.

### **Product:**

This information is not available.

### **Further information**

### **Product:**

# SAFETY DATA SHEET

according to the Hazardous Products Regulations  
- CA



## GEO SH-130

Version 1.1	Revision Date: 2026-01-19	Date of last issue: 2021-10-19 Date of first issue: 2021-10-19	Print Date: 2026-01-19
----------------	------------------------------	---	------------------------

Remarks : Information given is based on data on the components and the toxicology of similar products.

## SECTION 12. ECOLOGICAL INFORMATION

### Ecotoxicity

#### Product:

Toxicity to fish : Remarks: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Toxicity to daphnia and other aquatic invertebrates : Remarks: No data available

Toxicity to algae/aquatic plants : Remarks: No data available

Toxicity to microorganisms : Remarks: No data available

#### Components:

**Phenol, 2(or 4)-C20-24-alkyl derivs., reaction products with carbon dioxide, distn. residues from manuf. of phenol (tetrapropenyl) d:**

#### Ecotoxicology Assessment

Chronic aquatic toxicity : Harmful to aquatic life with long lasting effects.

#### Persistence and degradability

#### Product:

Biodegradability : Remarks: No data available

Physico-chemical removability : Remarks: No data available

#### Bioaccumulative potential

#### Product:

Bioaccumulation : Remarks: No data available

# SAFETY DATA SHEET

according to the Hazardous Products Regulations  
- CA



## GEO SH-130

Version 1.1	Revision Date: 2026-01-19	Date of last issue: 2021-10-19 Date of first issue: 2021-10-19	Print Date: 2026-01-19
----------------	------------------------------	---	------------------------

### Mobility in soil

#### Product:

Mobility : Remarks: No data available

Distribution among environmental compartments : Remarks: No data available

### Other adverse effects

#### Product:

Additional ecological information : Harmful to aquatic life with long lasting effects.

## SECTION 13. DISPOSAL CONSIDERATIONS

### Disposal methods

Waste from residues : The product should not be allowed to enter drains, water courses or the soil.  
Do not dispose of with domestic refuse.  
Dispose of as hazardous waste in compliance with local and national regulations.

Contaminated packaging : Packaging that is not properly emptied must be disposed of as the unused product.  
Dispose of waste product or used containers according to local regulations.

## SECTION 14. TRANSPORT INFORMATION

### International Regulations

#### **UNRTDG**

Not regulated as a dangerous good

#### **IATA-DGR**

Not regulated as a dangerous good

#### **IMDG-Code**

Not regulated as a dangerous good

### Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

# SAFETY DATA SHEET

according to the Hazardous Products Regulations  
- CA



## GEO SH-130

Version 1.1	Revision Date: 2026-01-19	Date of last issue: 2021-10-19 Date of first issue: 2021-10-19	Print Date: 2026-01-19
----------------	------------------------------	---	------------------------

### National Regulations

#### TDG

Not regulated as a dangerous good

#### Special precautions for user

Not applicable

## SECTION 15. REGULATORY INFORMATION

### Canadian lists

No substances are subject to a Significant New Activity Notification.

## SECTION 16. OTHER INFORMATION

### Full text of other abbreviations

ACGIH	:	USA. ACGIH Threshold Limit Values (TLV)
CA AB OEL	:	Canada. Alberta, Occupational Health and Safety Code (table 2: OEL)
CA BC OEL	:	Canada. British Columbia OEL
CA QC OEL	:	Québec. Regulation respecting occupational health and safety, Schedule 1, Part 1: Permissible exposure values for airborne contaminants
ACGIH / TWA	:	8-hour, time-weighted average
CA AB OEL / TWA	:	8-hour Occupational exposure limit
CA AB OEL / STEL	:	15-minute occupational exposure limit
CA BC OEL / TWA	:	8-hour time weighted average
CA QC OEL / TWA EV	:	Time-weighted average exposure value

AIIC - Australian Inventory of Industrial Chemicals; ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of

# SAFETY DATA SHEET

according to the Hazardous Products Regulations  
- CA



## GEO SH-130

Version	Revision Date:	Date of last issue: 2021-10-19	Print Date: 2026-
1.1	2026-01-19	Date of first issue: 2021-10-19	01-19

Pollution from Ships; n.o.s. - Not Otherwise Specified; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NOM - Official Mexican Norm; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG - Transportation of Dangerous Goods; TECl - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative; WHMIS - Workplace Hazardous Materials Information System

Revision Date : 2026-01-19  
Date format : yyyy/mm/dd

|| Relevant changes compared to the last edition are highlighted at the left margin. This version replaces all previous editions.

This safety data sheet applies only to products as originally packed and labelled. The information contained therein may not be reproduced or modified without our express written permission. Any forwarding of this document is only permitted to the extent required by law. Any further, in particular public, dissemination of the safety data sheet (e.g. as a document for download from the Internet) is not permitted without our express written consent. We provide our customers with amended safety data sheets as prescribed by law. The customer is responsible for passing on safety data sheets and any amendments contained therein to its own customers, employees and other users of the product. We provide no guarantee that safety data sheets received by users from third parties are up-to-date. All information and instructions in this safety data sheet have been compiled to the best of our knowledge and are based on the information available to us on the day of publication. The information provided is intended to describe the product in relation to the required safety measures; it is neither an assurance of characteristics nor a guarantee of the product's suitability for particular applications and does not justify any contractual legal relationship. The existence of a safety data sheet for a particular jurisdiction does not necessarily mean that import or use within that jurisdiction is legally permitted. If you have any questions, please contact your responsible sales contact or authorized trading partner.