ProPull Duct/Cable Lube, Raw
Petroflex
Safety Data Sheet

Revision date: 12 May 2023
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1. Product and Company Identification

1.1 Product identifiers

Product Name	ProPull Duct/Cable Lube, Raw
Producer	Petroflex
Product Number	No data available
CAS-No.	Mixture

1.2 Identified uses of the product and uses advised against

Identified Uses	Industrial Lubricant

1.3 Details of the chemical supplier

Company	Petroflex
Address	1305 North I-35 Gainesville, TX 76240 USA
Telephone:	800-433-5711

1.4 Emergency phone number

Emergency phone number	940-736-0217

2. Hazards Identification

2.1 Classification of the substance or mixture

GHS Class	Acute Toxicity (Oral), Category 4 Reproductive Toxicity, Category 1A

Classification according to Regulation (EC) No 1272/2008

Based on present data no classification and labeling is required according to Directive 1272/2008/EC and its amendments (CLP Regulation, GHS).

Classification according to Directive 67/548/EEC or Directive 1999/45/EC

According to present data no classification and labeling is required according to Directives 67/548/EEC or 1999/45/EC.

2.2 GHS Label elements, including precautionary statements

GHS Pictograms

Signal word	WARNING
Hazard statements	H302 – Harmful if swallowed H373 – May cause damage to the kidneys through prolonged or repeated exposure (Oral)
Precautionary statements	P260 – Do not breathe vapors/mist P264 – Wash hands thoroughly after handling. P280 – Wear eye protection, protective clothing, protective gloves. P301 + P310 + P321 + P330 – IF SWALLOWED: Rinse mouth. DO NOT induce vomiting. Immediately call a poison center or doctor/physician. P305 + P310 + P351 + P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention/advice. P304 + P312 +P340 – IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing. Call a poison center or doctor/physician in you feel unwell.

P302 + P313 + P332 – IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs call a doctor/physician.
P362 – Take off contaminated clothing and wash before reuse.
P403 + P233 – Store in a well-ventilated place. Keep container tightly closed.
P405 – Store locked up
P501 – Dispose of contents in accordance with local/regional/national regulations

2.3 Hazards not otherwise classified (HNOC) or not covered by GHS - None

3. Composition/Information on Ingredients

3.1 Product mixture

Synonyms	No data available
Formula	No data available; Mixture
Molecular wt	No data available
CAS-No.	Mixture

Chemical Name	CAS-No.	Ingredient Percent
Glycerin	56-81-5	33%
Ethylene Glycol	107-21-1	67%

Remarks: There are no additional hazardous ingredients greater than or equal to 1.0 wt% concentration or carcinogenic ingredients greater than or equal to 0.1 wt% concentration.

4. First Aid Measures

4.1 Description of first aid measures

General advice	Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
Skin contact	Remove/Take off immediately all contaminated clothing. Wash with plenty of soap and water. Wash contaminated clothing before reuse. Get medical advice/attention.
Eye contact	Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Get medical advice/attention.
Inhalation	Allow victim to breathe fresh air. Allow the victim to rest. If not breathing give artificial respiration. Get medical advice/attention.
Ingestion	Rinse mouth. Do NOT induce vomiting. Immediately get medical advice/attention.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms and effects: The most important known symptoms and effects are described in the labelling (see section 2.2) and in section 11.

4.3 Indication of any immediate medical attention and special treatment needed

Other first aid: No data available

5. Fire Fighting Measures

5.1 Suitable (and unsuitable) extinguishing media

Suitable extinguishing media: Use alcohol-resistant foam, dry chemical or carbon dioxide spraying extinguishing media to base of flames. Do not use direct water jet on burning material. Avoid open flame and excessive temperatures.

5.2 Special hazards arising from the substance or mixture

Special hazards: Excessive thermal decomposition at very high temperatures can lead to release of toxic and irritating gases and vapors. Keep product and empty container away from heat and sources of ignition.

5.3 Advice for firefighters

Protective equipment: Wear self-contained breathing apparatus for firefighting and full protective suit.

6. Accidental Release Measures

6.1 Personal precautions, protective equipment, and emergency procedures

Personal precautions: Avoid contact with skin and eyes. In case of large quantities of vapor or mist, use local exhaust or general dilution ventilation to control exposure within applicable limits. Avoid breathing vapors, dust, mist or gas. Wash hands thoroughly after handling. For personal protection see section 8.

6.2 Environmental precautions

Environmental precautions: Place waste in an appropriately labeled container for disposal. Recover as much of the material as possible. Care should be taken to avoid environmental release.

6.3 Methods and materials for containment and cleaning up

Methods for cleanup: Contain spilled material. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Wash area with soap and water. Dispose of waste in accordance with local/state/federal regulations.

6.4 References to other sections

Other references: For disposal see section 13.

7. Handling and Storage

7.1 General hygiene considerations

General hygiene: Avoid contact with skin and eyes. Wash hands thoroughly after handling. Avoid breathing vapor/mist. In case of large quantities of vapor or dust, use local exhaust or general dilution ventilation to control exposure within applicable limits. For precautions see section 2.2.

7.2 Precautions for safe handling

Safe handling precautions: Handle in accordance with good industrial hygiene and safety practice. Storage in large quantities should be a well ventilated, cool area. Provide good ventilation in process area to prevent formation of vapor.

7.3 Conditions for safe storage, including any incompatibilities

Other storage conditions: Keep container tightly sealed. Store in a cool dry place. Keep away from direct sunlight. Keep away from direct flame or excessive heat. Keep away from incompatible materials.

8. Exposure Controls/Personal Protection

8.1 Control and exposure limits recommended by the chemical manufacturer

Control Parameters: Chemical Name	ACGIH	NIOSH
Ethylene Glycol (107-21-1)	100 mg/m3 TWA	250 ppm TWA; 125 mg/m3 TWA

Glycerin 56-81-5	**OSHA-Final PELs**
USA OSHA	5mg/m3 TWA (Respirable Fraction)

8.2 Appropriate engineering controls

Engineering controls: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday. Use adequate ventilation where dust forms to keep concentration under exposure control limits.

8.3 Individual protection measures, such as personal protective equipment

Respiratory protection: For manufacturing quantities: where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multipurpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Eye/face protection: For manufacturing quantities: safety glasses with side-shields conforming to EN166 are recommended. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).

Hand protection: For manufacturing quantities: handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body protection	For manufacturing quantities: wear impervious clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

9. Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

a)	Appearance	Thick transparent liquid
b)	Odor	No data available
c)	Odor threshold	No data available
d)	pH	Not applicable
e)	Melting/freezing point	No data available
f)	Boiling point	No data available
g)	Flash point	Not applicable
h)	Evaporation rate	No data available
i)	Flammability (solid, gas)	No applicable
j)	Upper/lower flammability or explosive limits	No data available
k)	Vapor pressure	No data available
l)	Vapor density	No data available
m)	Relative density	No data available
n)	Solubility	Soluble
o)	Partition coefficient octanol/water	No data available
p)	Auto-ignition temp	No data available
q)	Decomposition temp	No data available
r)	Viscosity	No data available

10. Stability and Reactivity

10.1 Reactivity

Reactivity	No significant reactivity hazards.

10.2 Chemical stability

Chemical stability	Stable under ordinary conditions of use and storage.

10.3 Possibility of hazardous reactions

Hazardous reactions	None expected under ordinary conditions and usage.

10.4 Conditions to avoid

Conditions to avoid	Avoid excess heat, open flames or other sources of ignition.

10.5 Incompatible materials

Incompatible materials	Strong oxidizing agents. Strong acids. Strong bases.

10.6 Hazardous decomposition products

Hazardous products	Thermal decomposition products include oxides of carbon, aldehydes, ketones, organic acids, acrolein.

11. Toxicological Information

11.1 Information on toxicological effects

Acute toxicity

Acute oral toxicity	LD50 (Rat) Oral – 12,600 mg/kg (Glycerin)
	LD50 (Rat) Oral – 300 – 2,000 mg/kg (Ethylene Glycol)
Acute dermal toxicity	LD50 (Rabbit) Dermal – >10g/kg (Glycerin)
	LD50 (Rabbit) Dermal – >5,000mg/kg (Ethylene Glycol)
Acute inhalation toxicity	LC50 (Rat) Inhalation - > 570 mg/m3 1h (Glycerin)

Skin corrosion/irritation

Skin corrosion irritation	No data available

Serious eye damage/eye irritation

Eye damage/eye irritation	No data available

Respiratory or skin sensitization

Respiratory sensitizer	No data available
Skin sensitizer	No data available

Germ cell mutagenicity

Mutagenicity	No data available

Suspected cancer agent

ACGIH	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen.
NTP	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen.
OSHA	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen.
IARC	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen.

Reproductive toxicity

Reproductive toxicity	No data available.

Aspiration hazard

Aspiration hazard	No data available.

12. Ecological Information

12.1 Ecotoxicity (aquatic and terrestrial)

Ecotoxicity	Oncorhynchus mykiss, LC50: 54,000 mL/L, 96h static (Glycerin) Daphnia magna, EC50: > 10,000 mg/L, 24h (Glycerin) Pimephales promelas – 72,860 mg/L, 96h (Ethylene glycol) Daphnia magna – 100 mg/L, 48h. (Ethylene glycol) Pseudokirchineriella subcapitata – 6,500 – 13,000 mg/l growth rate inhibition (Ethylene glycol)

12.2 Persistence and degradability

Degradability	No data available.

12.3 Bioaccumulation potential

Bioaccumulation	Not expected to bioaccumulate significantly.

12.4 Mobility in soil

Mobility in soil	No data available

12.5 Results of PBT and vPvB assessment

PBT/vPvB assessment	Not available as chemical safety assessment not required/not conducted.

13. Disposal Considerations

13.1 Waste treatment methods

Waste treatment disposal	Waste disposal must be in accordance with appropriate Federal, State, and local regulations. This product, if unaltered by use, may be disposed of by treatment at a permitted facility or as advised by your local hazardous waste regulatory authority.

14. Transport Information

DOT
UN number: 3082 Proper shipping name: Environmentally hazardous substance, liquid, n.o.s. (Ethylene glycol)
Class: 9
Packing group: III
Reportable Quantity (RQ): 5000 lbs
Poison Inhalation Hazard: No

IMDG
Not regulated.

IATA
Not regulated.

15. Regulatory Information

15.1 Safety, health, and environmental regulations specific to the product or mixture

SARA 302 Components	No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
SARA 313	The following components are subject to reporting levels established by SARA Title III, Sections 313. Ethylene Glycol CAS-No. 107-21-1
SARA 311/312	Acute Health Hazard, Chronic Health Hazard
TSCA	All components of this product are on the TSCA inventory or are exempt from TSCA inventory requirements.
EINECS	Substances are either included in EINECS, ELINCS, NLP inventories or exempt
Canada DSL	All components of this product are on the Canada Domestic Substance List or NDSL.
CA Prop. 65 Components	This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.
State Regulatory Lists:	Each state may promulgate standards more stringent than the federal government. This section cannot encompass an inclusive list or all state regulations. Therefore, the user should review the components listed in Section 2 and consult state or local authorities for specific regulations that apply

16. Other Information

HMIS Rating	Health hazard: 1 Flammability: 1 Physical Hazard 0
NFPA Rating	Health hazard: 1 Fire Hazard: 1 Reactivity Hazard: 0
Revision Date	12 May 2023

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. Petroflex assumes no responsibility for injury to the vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Additionally, Petroflex assumes no responsibility for injury to vendee or third persons proximately caused by use of the material even if reasonable safety procedures are followed. Furthermore, vendee assumes the risk in his use of the material.

Abbreviations and acronyms

IMDG - International Maritime Code for Dangerous Goods
TDG - Transportation of Dangerous Goods
IATA - International Air Transport Association
GHS - Globally Harmonized System of Classification and Labelling of Chemicals
PBT - Persistent, bioaccumulative and toxic assessment
vPvB - Very persistent and very bioaccumulative assessment
ACGIH - American Conference of Governmental Industrial Hygienists
NIOSH - National Institute for Occupational Safety and Health
TLV - Threshold Limit Values
CAS - Chemical Abstracts Service (division of the American Chemical Society)
NFPA - National Fire Protection Association
HMIS - Hazardous Materials Identification System
CFR - Code of Federal Regulations
SARA - Superfund Amendments and Reauthorization Act
DOT - US Department of Transportation
EC50 - Half maximal effective concentration
LD50 - Median lethal dose
LC50 - Median lethal concentration
SDS - Safety Data Sheet