

# SAFETY DATA SHEET

## 1. Identification of the substance/mixture and of the company

### 1.1 Product identifier

**Product Name:  
Packing Lube PL-5**

Product ID numbers: PL-5

### 1.2 Relevant identified uses of the mixture and uses advised against

Identified uses: O-ring and packing ring lubrication.

List of advices against: Not applicable.

### 1.3 Details of the supplier of the safety data sheet

Supplier/Manufacturer:

**American Polywater Corporation**

11222 - 60th Street North

Stillwater, MN 55082 USA

Tel: 1-651-430-2270

Email: sds@polywater.com

### 1.4 Emergency telephone numbers

INFOTRAC: 1-800-535-5053 (USA) 1-352-323-3500 (INT'L)

## 2. Hazards Identification

### 2.1 Classification of the substance or mixture

Classification according to USA OSHA 29 CFR 1910.1200 (2012) and Canada HPR (SOR/2015-17; WHMIS 2015).

This product contains no reportable hazardous components according to US Federal regulations.

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

This product is not classified as dangerous according to EC criteria.

### 2.2 Label elements

Pictograms: None required.

Hazard Statements: None required.

2.3 Other hazards: No information available.

## 3. Composition/Information on Ingredients

This product contains no reportable hazardous components under OSHA 29 CFR 1910.1200 (2012), Canada HPR (SOR/2015-17; WHMIS 2015), and European Regulation (EC) No 1272/2008.

## 4. First Aid Measures

### 4.1 Description of first aid measures

**Eye Contact:** Flush eyes with a large quantity of water for 15 minutes. If irritation continues, seek medical attention.

**Skin Contact:** If skin becomes irritated, wash area thoroughly with soap and water. If irritation continues, seek medical attention.

**Inhalation (Breathing):** No first aid expected to be required. Not an inhalation hazard.

**Ingestion (Swallowing):** No first aid expected to be required. If difficulties arise, contact a physician.

### 4.2 Most important symptoms and effects, both acute and delayed

Aside from information above, no additional symptoms and effects are anticipated.

**4.3 Indication of immediate medical attention and special treatment needed.**

No information available.

**5. Firefighting Measures**

**5.1 Extinguishing media:**

Does not apply.

**5.2 Special hazards arising from the substance or mixture**

**Hazardous decomposition and by-products:**

High temperature steam, potentially carbon monoxide and carbon dioxide.

**5.3 Advice for firefighters**

Sealed container can build up pressure when exposed to high heat. Cool containers with water.

**6. Accidental Release Measures**

**6.1 Personal precautions, protective equipment and emergency procedures:**

Lubricant is extremely slippery. It should be washed, swept, or squeegeed from floor using wet mops.

**6.2 Environmental precautions:**

Outside, spills should be covered with sand, dirt, gravel or calcium chloride.

**6.3 Methods materials for containment and cleaning up:**

Oxidizing agents, such as household bleach, can be used to eliminate the slippery character.

**6.4 Reference to other sections:**

Refer to Sections 4, 5, 8, and 13 for more information.

**7. Handling and Storage**

**7.1 Precautions for safe handling**

Avoid spills and clean them up immediately when they occur. Product is very slippery. For industrial or professional use only.

**7.2 Conditions for safe storage, including incompatibilities**

Keep product containers closed when not in use.

**7.3 Specific end uses**

See technical data sheet on this product for further information.

**8. Exposure Controls / Personal Protection**

**8.1 Control parameters**

**Exposure limits and recommendations:**

None

**8.2 Exposure controls**

**Respiratory protection:**

Normal ventilation is adequate.

**Protective gloves:**

For repeated or prolonged skin contact, the use of impermeable gloves is recommended to prevent drying and possible irritation.

**Eye protection:**

Safety glasses recommended.

**9. Physical and Chemical**

**9.1 Information of basic physical and chemical properties**

<b>Appearance:</b>	An opaque, cream-colored, stringy gel with a faint characteristic odor.
<b>Odor threshold:</b>	Not Available
<b>pH:</b>	7.5 to 9.0
<b>Freezing point:</b>	~ 32°F (0°C)
<b>Boiling point:</b>	~ 212°F (100°C)
<b>Flash point:</b>	None
<b>Evaporation rate:</b>	Not available
<b>Flammability (solid, gas):</b>	Product is not flammable
<b>Upper/lower flammability or explosive limits:</b>	Does not apply
<b>Vapor pressure:</b>	18mm Hg @ 72°F (22°C)
<b>Vapor density (Air = 1):</b>	0.9 – 1.1
<b>Specific gravity (H<sub>2</sub>O = 1):</b>	1.0
<b>Solubility in water:</b>	Dilutes
<b>Partition coefficient: n-octanol/water:</b>	Not available
<b>Auto-ignition temperature:</b>	Does not apply
<b>Decomposition temperature:</b>	Not available
<b>Viscosity:</b>	25,000 – 40,000 cps. @ 10 rpm.

**9.2 Other Information**

<b>Volatiles (Weight %):</b>	>95%
<b>VOC Content:</b>	10 g/l

**10. Stability and Reactivity****10.1 Reactivity:**

No dangerous reaction known under conditions of normal use.

**10.2 Chemical stability:**

Stable

**10.3 Possibility of hazardous reactions:**

None known.

**10.4 Conditions to avoid:**

None known.

**10.5 Incompatible materials :**

Avoid materials that react with water.

**10.6 Hazardous decomposition products:**

Carbon dioxide, carbon monoxide.

**11. Toxicological Information****11.1 Information on toxicological effects:****Acute toxicity****Eye contact:**

Direct eye contact may cause eye irritation. This irritation is minimal and expected to be transient.

**Skin contact:**

This product has low skin irritation potential. There is no dermal toxicity hazard.

**Irritation and Sensitization Potential:**

This product has low skin irritation potential. It is not a sensitizer.

**Inhalation (Breathing):**

No inhalation hazard expected with water vapor.

**Ingestion:**

Very low ingestion hazard.

Based on ingredients, LD<sub>50</sub> (rat) is estimated to be well over 50 g/kg.

**Aspiration hazard**

Not an aspiration hazard.

**Chronic Exposure:**

**Reproductive Toxicity:** Not Available

**Mutagenicity:** Not Available

**Teratogenicity:** Not Available

**Toxicologically Synergistic Products:** Not Available

**Carcinogenic Status:** This substance has not been identified as a carcinogen or probable carcinogen by NTP, IARC, or OSHA, nor have any of its components.

**12. Ecological Information**

- 12.1 Ecotoxicity:** No information available.
- 12.2 Persistence and degradability:** No information available.
- 12.3 Bioaccumulation potential:** No information available.
- 12.4 Mobility in soil:** No information available.
- 12.5 Results of PBT and vPvB Assessment:** This product is not, nor does it contain a substance that is a PBT or vPvB.
- 12.6 Other adverse effects:** None known.

**13. Disposal Considerations**

Dispose of product in accordance with National and Local Regulations.

**14. Transport Information**

- UN Number:** Not Listed
- UN Proper shipping name:** Not Applicable
- Transport hazard class(es):** Not Applicable
- Packing group:** Not Applicable
- Environmental hazards:** None known
- Special precautions:** None known
- TDG:** Not Regulated
- ICAO/IATA-DGR:** Not Regulated
- IMDG:** Not Regulated
- ADR/RID:** Not Regulated

**15. Regulatory Information**

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

**USA Federal and State**

All components are listed on the TSCA inventory.

**Hazard Categories for SARA Section 311/312 Reporting**

Acute  
No

Chronic  
No

Fire  
No

Pressure  
No

Reactive  
No

**Components** CERCLA/SARA Sec 302  
**Hazardous Substance RQ** **EHS TPQ**

**SARA Sec. 313 Toxic Release**

Components are not affected by these Superfund regulations.

**NFPA Ratings:** Health: 0  
Fire: 0  
Reactivity: 0

National Fire Protection Association (NFPA) hazard ratings are designed for use by emergency response personnel during spill, fire or similar emergencies. Hazard ratings are based on physical and toxic properties of combustion or decomposition.

**California Proposition 65**

This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm or has been assessed to be below OEHHA Safe Harbor exposure levels required for labeling.

**European Union**

Product complies with the communication requirements of REACH Regulation (EC) No. 1907/2006. All components are listed on the European Inventory of Existing Chemical Substances (EINECS). Contains no substance on the REACH candidate list  $\geq 0.1\%$  SCL. Does not contain notified substances from the ELINCS List, Directive 92/32/EEC. Contains no REACH substances with Annex XVII restrictions.

**Canada**

All components are listed on the DSL inventory.  
This product has been classified according to the hazard criteria of the CPR.

**Australia**

All components are listed on the AICS.  
Not considered hazardous according to criteria of NOHSC Australia.

**15.2 Chemical Safety Assessment**

No chemical safety assessment has been carried out for the mixture by the supplier.

**16. Other Information**

**Abbreviations and acronyms:**

- OSHA = Occupational Safety and Health Administration
- CLP = Classification, Labeling and Packaging Regulation
- STOT = Specific Target Organ Toxicity
- LD<sub>50</sub> = Median Lethal Dose
- DNEL = Derived No Effect Level
- ACGIH = American Conference of Governmental Industrial Hygienists
- TSCA = Toxic Substances Control Act (USA)
- DSL = Domestic Substances List (Canada)
- AICS = Australian Inventory of Chemical Substances

**Revision Date:** March 3, 2022  
**Revision Number:** 6  
**Supersedes:** September 24, 2018  
**Other:** Not Applicable  
**Indication of Changes:** Section 1 removed EU information.  
 Written in accordance with the provisions of OSHA 1910.1200 App D (2012) and Canada HPR (SOR/2015-17) (WHMIS 2015). (GHS format)

**Product Name:** Packing Lube PL-5

**Revision Date:** March 3, 2022

The information and recommendations contained herein are believed to be reliable. However, the supplier makes no warranties, express or implied, concerning the use of this product. The buyer must determine conditions of safe usage and assumes all risk and liability in handling this product.