

# Polymerized Linseed Oil

## Safety Data Sheet

Revised 12/1/2023

### 1. Identification

Trade Name: Polymerized Linseed Oil  
Identified Uses: For industrial use only.  
Manufacturer Name: WALRUS OIL  
Address: 1590 E. Bain Ozark, MO 65721  
Contact Person: Customer Service Dept.  
E-mail: help@walrusoil.com  
Telephone: 417-773-9919  
Fax:  
Web: www.walrusoil.com

### 2. Hazard Identification

**Emergency overview:** Spontaneous combustion (fire) may result from oil-soaked materials such as rags, steel wool, paper, and clothing. Place soaked materials in a sealed, metal container to prevent this.

**Appearance:** Clear amber.

**Physical state:** Liquid.

**Odor:** Slight vegetable oil.

This product is NOT classified as hazardous according to the criteria contained in the Hazard Communication Standard 29 CFR 1910.1200 (known as HCS 2012) or the Hazardous Products Regulations SOR/2015-17 (known as WHMIS 2015). However, vegetable oil (in mist form) is known to be listed as an OSHA 29 CFR 1910.1000 Air Contaminant. Occupational exposure limits are subsequently provided in section 8 of this SDS.

### 3. Composition/information on ingredients

**Common name:** Head bodied linseed oil

**Chemical family:** Oil

**Non-hazardous components**

**Chemical name:** Linseed oil, polymerized

**CAS No.:** 67746-08-1

**Weight %:** 100

**North American substance hazard class:** None known.

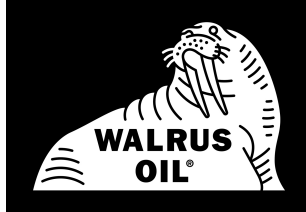
### 4. First aid measures

**Description of first aid measures**

**Eye Contact** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.

**Skin Contact** Wash off immediately with soap and plenty of water. If skin irritation persists, call a physician. Remove and wash contaminated clothing before reuse.

**Inhalation** Move to fresh air in case of accidental inhalation of vapours or decomposition products. If symptoms persist, call a physician.



**Ingestion** Consult a physician if necessary. Do not induce vomiting. Clean mouth with water and afterwards drink plenty of water. If possible, drink milk afterwards. Never give anything by mouth to an unconscious person.

**General Advice** When symptoms persist or in all cases of doubt seek medical advice.

**Most important symptoms and affects, both acute and delayed:** Eyes Contact with eyes may cause mild irritation. Skin Prolonged skin contact may cause skin irritation. Based on available data, not, or only slightly irritating. Inhalation Avoid breathing vapors or mists. May cause irritation of respiratory tract. Ingestion Oral exposure is not anticipated under normal working conditions. Over exposure may cause: Gastrointestinal disturbance.

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

**Notes to Physician** Special forms of treatment and immediate medical attention are not specified. Treat Symptomatically.

## 5. Fire-fighting measures

**Flammable Properties** Material may pose fire hazard because it is dispersed (or spread) by water.

### Extinguishing media

**Suitable Extinguishing Media** Dry chemical. Carbon dioxide (CO<sub>2</sub>). Alcohol-resistant foam. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media** Do not use a solid water stream as it may scatter and spread fire.

### Special hazards arising from the substance or mixture

**Hazardous Combustion Products** Thermal decomposition can lead to release of irritating gases and vapors, Acrolein, Carbon monoxide (CO), Carbon dioxide (CO<sub>2</sub>).

**Specific Hazards Arising from the Chemical** Risk of ignition. Rags and other materials containing this product may heat and spontaneously ignite, if exposed to air. Store wiping rags and similar materials in metal cans with tightly fitting lids. Cool closed containers exposed to fire with water spray.

**Sensitivity to mechanical impact** No information available.

**Sensitivity to static discharge** No information available.

### Advice for fire-fighters

Protective Equipment and Precautions for Firefighters As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

### NFPA

Health: 1

Stability and reactivity: 0

Flammability: 1

Physical hazard: None known.



## 6. Accidental release measures

### Personal Precautions, Protective Equipment, and Emergency Procedures

Use personal protective equipment. Remove all sources of ignition. Avoid high pressure washing or generation of aerosols. Material can create slippery conditions.



**Environmental Precautions** Prevent further leakage or spillage if safe to do so. Do not flush into surface water or sanitary sewer system.

**Methods and Materials for Containment and Cleaning Up**

Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labelled containers. Keep in suitable, closed containers for disposal. Clean contaminated surface thoroughly.

**Other Information** Oil-soaked materials may spontaneously combust.

**7. Handling and storage**

**Handling** Ensure adequate ventilation. Do not use pressure to empty drums. Avoid breathing vapors or mists. Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before re-use.

**Storage** Store in well-ventilated place. Keep away from open flames, hot surfaces and sources of ignition.

**8. Exposure controls/personal controls**

**Exposure Limits**

When in the form of an airborne mist containing vegetable oil, observe the OSHA and ACGIH established limits for "vegetable oil mist". OSHA PEL: [15 mg/m<sup>3</sup> (mist) 8-hr TWA], [5 mg/m<sup>3</sup> mist (respirable) 8-hr TWA]. ACGIH TLV: [10 mg/m<sup>3</sup> (mist) 8-hr TWA].

**Biological Limit Values**

No biological limit values have been listed for the component(s) of this product.

**Appropriate Engineering Controls** Ensure adequate ventilation, especially in confined areas. Apply technical measures to comply with the occupational exposure limits. However it is the duty of the user to verify this and follow given exposure limits at the workplace. Ensure that eyewash stations and safety showers are close to the workstation location.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice.

**Personal Protective Equipment**

**Eye/face Protection.** If exposed to airborne mist, or if splashing is possible, appropriate safety glasses with side-shields or safety goggles are recommended.

**Skin and Body Protection** Impervious gloves. Appropriate body protection should be selected based on activity and possible exposure.

**Respiratory Protection** In case of mist, spray or aerosol exposure wear suitable personal respiratory protection.



**9. Physical and chemical properties**

**Appearance** Clear Amber

**Physical State** Liquid

**Odor** Slight Vegetable oil

**Odor Threshold** No information available

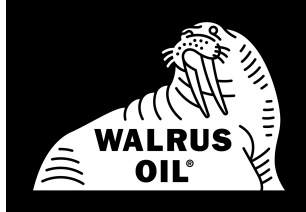
**pH** No information available

**Flash Point** > 99 °C / > 210.2 °F

**Autoignition Temperature** 343 °C / 649.4 °F

**Boiling point** No information available

**Melting/Freezing Point** No information available



**Decomposition temperature** No information available  
**Oxidizing Properties** No information available  
**Water** Solubility Negligible  
**Evaporation Rate** Nonvolatile  
**Vapor Pressure** No information available  
**Vapor Density** Nonvolatile  
**Specific Gravity / Relative Density** 0.95 @ 25°C / 77°F  
**Viscosity (kinematic)** Z 2 - Z 3 (Gardner Scale)  
**Partition Coefficient (n-octanol/water)** No information available

## 10. Stability and reactivity

**Stability** Stable under normal conditions. Gradually polymerizes upon exposure to air.  
**Possibility of Hazardous Reactions** None under normal processing.  
**Conditions to Avoid** Keep away from open flames, hot surfaces and sources of ignition. Rags and other materials containing this product may heat and spontaneously ignite, if exposed to air. Store wiping rags and similar materials in metal cans with tightly fitting lids.  
**Incompatible Materials** Strong oxidizing agents. Strong acids. Strong bases. Chlorine. Acetaldehyde.  
**Hazardous Decomposition Products** Thermal decomposition can lead to release of irritating gases and vapors. Acrolein. Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

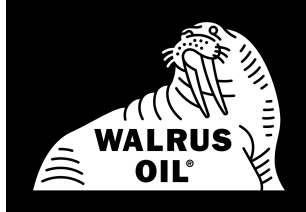
## 11. Toxicological information

### Information on toxicological effects

**Acute toxicity** Not classified. Based on available data, no evidence of acute toxicity.  
**Skin corrosion/irritation** Not classified. Based on available data, not, or only slightly irritating.  
**Serious eye damage/eye irritation** Not classified. Based on available data, no evidence of serious eye damage / irritation.  
**Respiratory or skin sensitisation** Not classified. Not expected to be a skin or respiratory sensitizer.  
**Germ cell mutagenicity** Not classified. Not expected to be mutagenic.  
**Carcinogenicity** Not classified. No evidence of carcinogenicity. No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen.  
**Reproductive toxicity** Not classified Not expected to be toxic to reproduction.  
**STOT - single exposure** Not classified. No evidence of toxicity.  
**STOT - repeated exposure** Not classified. No evidence of toxicity.  
**Aspiration hazard** Not classified. Based on available data, no known aspiration hazard.  
**Potential health effects**  
**Eyes Contact** with eyes may cause mild irritation.  
**Skin** Prolonged skin contact may cause skin irritation. Based on available data, not, or only slightly irritating.  
**Inhalation** Avoid breathing vapors or mists. May cause irritation of respiratory tract.  
**Ingestion** Oral exposure is not anticipated under normal working conditions. Over exposure may cause: Gastrointestinal disturbance.

## 12. Ecological information

**Ecotoxicity** Not classified for aquatic toxicity. This product has no known eco-toxicological effects  
**Persistence/Degradability** No information available



**Mobility** The product is insoluble and floats on water.

**PBT and vPvB assessment** No information available.

**Other adverse effects** Nothing specific known.

### 13. Disposal considerations

Whenever possible, as rules and regulations allow, please recycle or manage materials to minimize waste.

**Waste Disposal Methods** Dispose of in compliance with the laws and regulations pertaining to this product in your jurisdiction.

**Contaminated Packaging** Empty containers should be decontaminated and taken for local recycling, recovery or waste disposal. Oil soaked materials may spontaneously combust. Store soaked materials in a sealed, metal container to prevent this.

### 14. Transportation information

**Domestic transport regulations (USA)** DOT Not regulated.

**Domestic transport regulations (Canada)** TDG Not regulated.

**Domestic transport regulations (Mexico)** MEX Not regulated.

**International transport regulations**

**ICAO** Not regulated.

**IATA** Not regulated.

**IMDG/IMO** Not regulated.

### 15. Regulatory information

International inventories: The components of this product are reported in the following industries.

Chemical name: Polymerized Linseed Oil

TSCA: Yes    DSL: Yes    NSKL: No    ICL: No    EINECS: No    ELINCS: No    AICS: Yes

ENCs ISHL: Yes (8)-360    CHINA: Yes    PICCS: Yes    KECL: Yes annex 1 (KE-220055)

Taiwan: Yes    Turkey: No    NZIoC: Yes

#### USA

##### Federal regulations

##### Ozone Depleting Substances:

No Class I or Class II material is known to be used in the manufacture of, or contained in, this product.

##### SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA).

This product is not known to

contain any chemicals which are subject to the reporting requirements of the Act or regulations contained in 40 CFR 372.

##### CERCLA/SARA 103-302

Sections 103-302 of Title III of the Superfund Amendments and Reauthorization Act of 1986

(SARA). This product is not known to

contain any chemicals which are subject to the reporting requirements of the Act or regulations contained in 40 CFR 103-302.

##### SARA 311/312 Hazardous Categorization

Refer to the OSHA hazard classification(s) provided in section 2 of this SDS.

Acute Health Hazard No



Chronic Health Hazard No

Fire Hazard No

Sudden Release of Pressure Hazard

Authorized to comply with 29 CFR 1910.1200, (HCS 2012) and SOR/2015-17, Schedule 1 (WHMIS 2015) as amended to conform to the United Nations' Globally Harmonized System of Classification and Labeling of Chemicals (GHS). No

Reactive Hazard No

**Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 63)**

This product is not known to contain any HAPS.

**State Regulations**

**California Proposition 65**

This product is not known to contain chemicals listed under Proposition 65.

**State Right-to-Know**

No known components subject to "Right-To-Know" legislation.

**Canada**

(NPRI) Canadian National Pollutant Release Inventory

No known component is listed on NPRI.

**Mexico**

Mexico - Grade Slight risk, Grade 1

**16. Other information**

Employers should use this information only as a supplement to other information gathered by them, and should make independent judgement of suitability of this information to ensure proper use and protect the health and safety of employees. This information is furnished without warranty, and any use of the product not in conformance with this Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.