



Section 1. Product and Company Identification

Product Name Tung Oil
CAS Number 8001-20-5

Parchem - fine & specialty chemicals
415 Huguenot Street
New Rochelle, NY 10801
☎ (914) 654-6800 📠 (914) 654-6899
🌐 parchem.com ✉ info@parchem.com

EMERGENCY RESPONSE NUMBER
CHEMTEL
Toll Free US & Canada: 1 (800) 255-3924
All other Origins: 1 (813) 248-0585
Collect Calls Accepted

Section 2. Hazards Identification

Classification of the substance or mixture

Tung Oil is not classified as dangerous according to directive 67/548/EEC.
Tung Oil is not a dangerous substance according to GHS and has no known OSHA hazards.

GHS Label Elements

Pictograms: N/A
Signal word: N/A

Hazard and precautionary statements

None

Composition: Naturally occurring triglyceride ester containing various fatty acids.

Section 3. Composition / Information on Ingredients

Common Name Tung Oil
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Section 4. First Aid Measures

General: Remove contaminated clothing.
Inhalation: Not applicable, as there is no appreciable vapor from Tung Oil at normal room temp.
Ingestion: If ingested, give water or milk and seek medical advice.
Eye Contact: Flush with clean water or approved eye wash solution and seek medical advice.
Skin Contact: Remove contaminated clothing. Wash skin thoroughly with soap and water or other recognized skin cleaner. Use protective hand cream if possible.

Section 5. Firefighting Measures

Fire Hazards: May be ignited only if preheated to temperatures above high flash point, for example in a fire.

Extinguishing Media: Sand, foam, dry powder, CO₂. Never use water as this may float the oil and spread fire.

Special Protective Equipment: Standard Fireman's Body Protection and self-contained breathing apparatus is recommended.

Exposure Hazards: Avoid breathing fumes and smoke which may irritate nasal passages.

Section 6. Accidental Release Measures

No health affects expected from clean-up if contact can be avoided. Contain spill with sand, earth, or other inert absorbent.

Section 7. Handling and Storage

Handling: Avoid spills and keep away from sources of ignition.

Storage: Keep containers closed and in dry area away from heat & light.

Section 8. Exposure Controls / Personal Protection

Engineering Measures: No special measures required

Control Parameters: None

Personal Protection: Usual, same as for handling chemicals

Respiratory Equipment: None

Hand Protection: Neoprene gloves

Eye Protection: Protective glasses

Skin Protection: Chemical resistant gloves, long-sleeve shirts, pants

Section 9. Physical and Chemical Properties

Appearance: Clear amber liquid

Odor: Slight odor of vegetable oil

pH: N/A

Boiling Point: N/A

Melting Point: N/A

Flash Point: > 200°C (closed cup method)

Flammability (solid, gas): N/A

Auto flammability: > 350°C

Explosive Properties: N/A

Oxidizing Properties: N/A

Vapor Pressure: Not measurable at 20°C

Relative Density: 0.942 @ 15.5°C

Solubility: Insoluble in water; soluble in white spirit

Viscosity: Approx. 1.8 poise at 25°C



Section 10. Stability and Reactivity

General: Normally considered stable

Hazardous Decomposition Products: Over 250°C some decomposition may occur causing polymerization and a complex mixture of aldehydes, ketones and lactones predominantly acrolein.

Conditions to Avoid: Keep from contact with oxidizing materials. Keep away from sources of ignition /flame.

Section 11. Toxicological Information

Not expected to be toxic, but it is inedible.

Section 12. Ecological Information

Degradability: Readily biodegradable.

Fish Toxicity: No data available.

Bacterial toxicity: No data available.

Section 13. Disposal Considerations

Waste Treatment Methods: Dispose of product and contaminated packaging in accordance with all local, state, and federal environmental control regulations.

Section 14. Transport Information

Transport in suitable packaging

UN/IMDG: Non hazardous

UN NO: Non assigned

ICAO/IATA: Not hazardous

RID/ADR Class: Not applicable

US DOT: Not regulated

Section 15. Regulatory Information

SARA 313: No listed chemicals in this product.

NJ Right to Know: 8001-20-5 100%

CA Proposition 65: Proposition 65 Chemicals are not expected to be found in this product above those naturally present in their agricultural source. Proposition 65 exempts naturally occurring listed chemicals from an obligation to label.



HMIS Rating

Health: 0

Flammability: 1

Reactivity: 0

Personal Protection: A

Section 16. Other Information

Disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.

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