

# Safety Data Sheet

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## SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

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Product Code: TO-425	
Product Name: Tung Oil	
<b>Manufacturer's Name:</b> MARINE DEVELOPMENT & RESEARCH	<b>Emergency Telephone Number:</b> 352-323-3500
<b>Address (Number, Street, City, State, ZIP)</b> 515 EAST 41 <sup>ST</sup> ST	<b>Telephone Number for Information:</b> 973-754-7000
PATERSON, NJ 07504	<b>Date Prepared:</b> 2/12/15
	<b>Signature of Preparer (optional):</b>

## SECTION 2: HAZARDS IDENTIFICATION

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### Emergency Overview:

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.

HMIS/NFPA: H-0 F-1 R-0 PP-A

## SECTION 3: COMPOSITION/ INFORMATION ON INGREDIENTS

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Composition                      Naturally occurring triglyceride ester containing various fatty acids.  
CAS No.: 8001-20-5              EC No.: 232-272-3

## SECTION 4: FIRST-AID MEASURES

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**General Advice:** Remove contaminated clothing.

**If Inhaled:** Not applicable as there is no appreciable vapor from Tung Oil at normal room temp.

**If on Skin:** Remove contaminated clothing. Wash skin thoroughly with soap and water or other recognized skin cleaner. Use protective hand cream if possible.

**If in Eyes:** Flush with clean water or approved eye wash solution and seek medical advice.

**If Swallowed:** If ingested, give water or milk and seek medical advice.

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## SECTION 5: FIRE FIGHTING MEASURES

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**Fire Hazards:** May be ignited only if preheated to temperatures above high flash point

**Extinguishing Media:** Sand, foam, dry powder, CO<sub>2</sub>. 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

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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

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**Handling:**

- **General Advice:** Avoid spills and keep away from sources of ignition

**Storage:**

- **General Advice:** Keep containers closed and in dry area away from heat & light.

## SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

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**Personal Protective Equipment:**

- **Respiratory Protection:** None
- **Hand Protection:** Neoprene gloves
- **Eye Protection:** Safety glasses with side-shields
- **General Safety and Hygiene Measures:** Wear protective clothing as necessary to minimize contact. Handle in accordance with good industrial hygiene and safety practice.

**Control Parameters:** None

**Engineering Measures:** No special measures required

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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<b>Appearance:</b> Clear amber liquid	<b>Physical State:</b> Liquid
<b>Boiling Point:</b> N/A	<b>Solubility in Water:</b> Insoluble in water; soluble in white spirit
<b>Flash Point:</b> > 200°C (closed cup method)	<b>Density:</b> 0.942 @ 15.5°
<b>Flammability (solid, gas):</b> N/A	<b>Auto Flammability:</b> >350°C
<b>Melting Point:</b> N/A	<b>Explosive Properties:</b> N/A
<b>Oxidizing Properties:</b> N/A	<b>Vapor Pressure:</b> Not measurable at 20°C
<b>Odor:</b> Slight odor of vegetable oil	<b>Viscosity:</b> Approx. 1.8 poise at 25°C
<b>pH:</b> N/A	

## SECTION 10: STABILITY AND REACTIVITY

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**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

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Not expected to be toxic but it is inedible.

## SECTION 12: ECOLOGICAL INFORMATION

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**Degradability:** Readily biodegradable

**Fish Toxicity:** No data available

**Bacterial Toxicity:** No data available

## SECTION 13: DISPOSAL CONSIDERATIONS

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Confine with sand or other inert media. Return to containers. Dispose in accordance with local, state and federal regulations. Air oxidation of material may cause it to spontaneously ignite. Spread oil rags to dry without contact with each other, or soak in water and then seal in closed container before disposal.

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## SECTION 14: TRANSPORT INFORMATION (Not meant to be all inclusive)

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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 (Not meant to be all inclusive- selected regulation represented)

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**SARA 313:** No listed chemicals in this product

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

**California 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.

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