

TUNG OIL BLEND



Date of issue: 2.09.21

NZ Safety Data Sheet

1. Identification of the Substance/Mixture and Supplier.

Product Name: TUNG OIL BLEND
 Uses: Wood oil
 Supplier: SUPREME PAINTS LTD
 19 Ford Road
 Onekawa
 Napier
 New Zealand.
 Telephone: 06 650 5879
 Emergency Telephone: 021 389 669 (24 hrs)

2. Hazards Identification.

Hazardous Status: Classified as Hazardous according to the criteria of HSNO.

DG Status: Classified as Dangerous Goods according to NZS5433

HAZARD CLASSIFICATIONS	HAZARD STATEMENTS	GHS Pictogram
Flammable liquids, Cat 3	H226 Flammable liquid and vapour.	
Aspiration hazard, Cat 1	H304 May be fatal if swallowed and enters airways.	
Serious eye damage/irritation, Cat 2A	H319 Causes serious eye irritation.	

Signal Word: DANGER

PREVENTION STATEMENTS

P102	Keep out of reach of children.
P103	Read label before use.
P210	Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P264	Wash thoroughly after handling.
P280	Wear protective gloves/protective clothing/eye protection/face protection.

RESPONSE STATEMENTS

P370 + P378	In case of fire: Use foam, carbon dioxide or dry chemical powder for extinction.
P101	If medical advice is needed, have product container or label at hand.
P303 + P361 + P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P301 + P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P331	Do NOT induce vomiting.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313	If eye irritation persists: Get medical advice/attention.

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STORAGE STATEMENTS		
P403 + P235 P405	Store in a well-ventilated place. Keep cool. Store locked up.	
DISPOSAL STATEMENTS		
P501	Do not let this product enter the environment. Do not dispose of in waterways or sewers. Dispose of this material and its container as hazardous waste, via a licensed facility. See local council for disposal/recycling information.	
3. Composition/Information on Ingredients.		
Chemical Entity	CAS Number	Proportion %w/w
Tung Oil	8001-20-5	30-60
Naphtha, petroleum, hydrotreated heavy	64742-48-9	30-60
4. First Aid Measures.		
Swallowed	If swallowed do NOT induce vomiting. Give water to drink. Get medical attention if symptoms occur.	
Inhaled	If inhaled, move the victim to fresh air immediately. Begin artificial respiration if breathing has stopped. Obtain medical attention if symptoms occur.	
Eye Contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.	
Skin Contact	If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Get medical attention if symptoms occur.	
Further Information	For advice contact the National Poisons Centre – 0800 POISON (0800 764 766) – or a doctor, immediately.	
5. Fire-Fighting Measures.		
Suitable extinguishing media	In case of fire, use water spray (fog), foam, dry chemical or CO ₂ .	
Unsuitable extinguishing media	High volume water jet.	
Hazards from the substance	In a fire or if heated, a pressure increase will occur and the container may burst.	
Hazardous combustion products	Decomposition products may include: Carbon oxides, Nitrogen oxides, Other noxious substances.	
Special precautions for fire-fighters	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.	
Special protective equipment for fire fighters	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.	
6. Accidental Release Measures.		
Personal precautions	Wear appropriate Personal Protective Equipment (see section 8). Provide adequate ventilation.	
Environmental precautions	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).	



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Small spill	Stop leak if without risk. Move containers from spill area. Absorb with an inert dry material and place in an appropriate waste disposal container. If rags are used for clean-up, they must be soaked in water afterwards (self-combustion hazard). Eliminate all ignition sources. Use spark-proof tools and explosion-proof equipment. Dispose of via a licensed waste disposal contractor.
Large spill	Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see section 13). Eliminate all ignition sources. Use spark-proof tools and explosion-proof equipment. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilt product.

7. Handling and Storage.

Handling	Wear appropriate PPE, and ensure there is adequate ventilation and extraction in the work area. Avoid skin or eye contact, or breathing in the product. Follow precautions listed in section 2 for handling flammable/combustible liquids.
Storage	Keep container dry and tightly closed, in a cool, well-ventilated area, away from direct sunlight. Keep away from heat, sparks and open flame.

8. Exposure Control/Personal Protection

Exposure Standards – no NZ WES data

Engineering Controls	General ventilation and local exhaust should be suitable to keep vapour concentrations minimised. Ventilation equipment should be explosion-proof when operating in flammable zones.
Personal Protection	
Respiratory	Wear a vapour respirator.
Eyes	Wear chemical goggles.
Hands	Wear chemical gloves – PVC, Polychlorpropene or Nitrile.
Other	Wear overalls or dust coat. Use PVC apron when handling large quantities.

9. Physical and Chemical Properties

PROPERTY	SPECIFICATION
Physical state	Liquid
Colour	Yellowish
Odour	Hydrocarbon odour
Odour threshold	No data
pH	No data
Melting Pt/Freezing Pt	No data
Initial Boiling Pt and Boiling Range	179-188°C (Naphtha, Petroleum)
Flash Pt	54°C (Naphtha, Petroleum)
Upper/Lower Flammability or Explosive limits	No data
Vapour pressure	0.07 kPa @ 20°C (Naphtha, Petroleum)
Vapour Density	No data
Relative Density	~0.84
Water Solubility	Not soluble

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Partition Coefficient: n-octanol/water	No data
Auto Ignition temperature	No data
Decomposition temperature	No data
Viscosity	No data

10. Stability and Reactivity

Stability	The product is stable
Possibility of hazardous reactions	Under normal conditions of storage and use, hazardous reactions will not occur. Rags soaked with the product may present an auto-ignition hazard.
Conditions to avoid	Heat, flames
Incompatible materials	Strong oxidisers, inorganic acids.
Hazardous decomposition products	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. Toxicological Information

Data sourced from CCID and/or raw material SDSs. Mixture rules applied

Acute Oral Toxicity	Not Classified
Acute Dermal Toxicity	Not Classified
Acute Inhalation Toxicity	Not Classified
Acute Aspiration Toxicity	May be fatal if swallowed and enters airways.
Skin Irritancy/Corrosion	Not Classified
Eye Irritancy/Corrosion	Causes serious eye irritation
Respiratory Sensitisation	Not Classified
Skin Sensitisation	Not Classified
Mutagenic	Not Classified
Carcinogenic	Not Classified
Reproductive/Development Toxicity	Not Classified
STOT-SE	Not Classified
STOT-RE	Not Classified

Toxicity Data

Product Acute Toxicity Estimate

ORAL LD50

>2000 mg/kg

DERMAL LD50

>2000 mg/kg

INHALATION LC50 (vapours)

>20 mg/L/4H

12. Ecological Information

This product is not classified as Ecotoxic according to the criteria of HSNO.

Toxicity: Data not available.

Persistence & Degradability: Data not available.

Mobility: Data not available.

Bioaccumulative Potential: Data not available

Other: Data not available



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13. Disposal Considerations.

Do not let this product enter the environment. Do not dispose of in waterways or sewers. Dispose of this material and its container as hazardous waste, via a licensed facility. See local council for disposal/recycling information.

14. Transportation Information.

Regulated for transport	Keep separated from foodstuffs
UN Number:	1263
Proper Shipping Name:	PAINT
Class:	3
Packing Group:	III
Hazchem:	3Y
Marine Pollutant:	No



15. Regulatory Information.

Group Standard:	HSR002662 Surface Coatings & Colorants - Flammable
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HSNO CONTROLS

SDS required when any quantity is present in a workplace.

At least 2 x 4.5kg powder fire extinguishers required when >500L is present in a workplace.

Emergency Response Plan and Secondary Containment required when >10,000L is present in a workplace

Flammable signage required when >1000L is stored.

(Flammable Liquid, Cat 3) Hazardous Substances Location Compliance Certificate required for:	>500L (closed containers >5L) >1500L (closed containers up to 5L) >250L (open containers)
(Flammable Liquid, Cat 3) Hazardous Atmosphere Zone required for:	>100L (closed containers) >25L (decanting) >5L (open occasionally) >1L (open containers in continuous use)
Certified Handler	Not Required
Tracking	Not Required

This material is not subject to the following agreements:

- Montreal Protocol (Ozone Depleting Substances)
- The Stockholm Convention (Persistent Organic Pollutants)
- The Rotterdam Convention (Prior Informed Consent)

All ingredients are on the New Zealand Inventory of Chemicals (NZIoC), or exempt.

Any existing national regulations on the handling of dangerous substances should be observed. Controls for hazardous substances are based upon current knowledge. Where multiple chemicals are stored, controls will need to take into account aggregate quantities. Contact a WorkSafe approved Compliance Certifier for further information and guidance.

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16. Other Information.

HSNO = Hazardous Substances and New Organisms Act 1996.
EPA = Environmental Protection Authority
CCID = Chemical Classification and Information Database (EPA)
NZ WES = New Zealand Work Exposure Standard

Date of SDS Preparation: 2 September 2021
Replaces Version Dated: 16 October 2016

The data given here is based on current knowledge and experience. The purpose of this Safety Data Sheet is to describe products in terms of their safety requirements. The above details do not imply any guarantee concerning composition, properties or performance of the product.