

Material Safety Data Sheet

1: Product Identification and Supplier

Product Name: EUCALYPTUS OIL BLUE MALLEE
Recommended Use: Raw Material
Synonym: Eucalyptus Blue Mallee, Blue Mallee

Supplier

Australian Oils of Nature Pty Ltd
Level 6, 10 Help Street
Chatswood NSW 2067
Australia

Contact

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2: Hazards Identification

According to the criteria of NOHSC, this material is classified as; HAZARDOUS SUBSTANCE, DANGEROUS GOODS.

Risk Phrases: Flammable. May cause sensitisation by skin contact. Toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment. Harmful: may cause lung damage if swallowed. Irritating to skin.

Safety Phrases: Avoid contact with skin. Wear suitable protective clothing. Avoid release to the environment. Refer to special instructions/safety data sheets. If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label. Keep away from sources of ignition - No smoking. In case of contact with eyes, rinse with plenty of water and contact a doctor or Poisons Information Centre. Wear suitable gloves. After contact with skin, wash immediately with plenty of soap and water. Avoid contact with eyes. Wear eye/face protection.

Poisons Schedule: S6 Poison

3: Composition and Information on Ingredients

Eucalyptus Polybractea

CAS No: 91771-67-4
EINECS No: 294-961-5
Range: 100

4: First Aid Measures

Inhalation: Move to fresh uncontaminated air, lay patient on back until breathing returns to normal. If necessary call a physician.

Skin: Remove contaminated clothing and wash area well with copious amounts of water and soap. If irritation persists seek medical advice.

Eye: Flush eye with copious amounts of water for 15 minutes including under eyelid. Seek medical advice if necessary.

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Ingestion: Do NOT induce vomiting. Position to avoid aspiration should vomiting occur. Call a physician or poison centre immediately.

Medical Attention and Special Treatment: Treat symptomatically.

5 : Fire Fighting Measures

Suitable extinguishing media: Water spray, Foam, Dry Chemical, Carbon Dioxide (CO₂).

Hazards from Combustion Products: Carbon monoxide and other unidentified organic compounds may be formed during combustion.

Precautions For Fire Fighters and Special Protective Equipment: Wear Self-Contained Breathing Apparatus (S.C.B.A.) and full protective clothing to minimise skin exposure. Spray extinguishing media to the base of flames. Closed containers may build up pressure when exposed to heat and should be cooled with a water spray. Do not use direct water jet on burning material.

Hazchem Code: 3Y

6 : Accidental Release Measures

Emergency Procedures: Remove all sources of ignition. Increase ventilation. Evacuate all unnecessary personnel. Wear sufficient respiratory protection and full protective clothing to minimise skin and eye exposure. If possible contain the spill.

Methods and Materials for Containment and Clean Up Procedures: Place an inert absorbent such as vermiculite, sand or dirt onto the material. Use clean, non-sparking tools to collect the material and place into a suitable, labelled container. Do not dilute material but contain. Mop up the remaining material and place into the same container. If large quantities of this material enter the waterways, contact the Environmental Protection Authority, or your local Waste Management Authority.

7 : Handling and Storage

This material is a Scheduled S6 Poison and must be stored, maintained and used in accordance with the relevant regulations.

This material is classified as Dangerous [UN No. 1169] according to the criteria of Worksafe Australia and should be stored, maintained and used in accordance with the National Code of Practice for the Storage and Handling of Workplace Dangerous Goods [NOHSC:2017].

Handling Precautions for Safe Handling: Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Normal measures to preventative fire protection.

Storage Conditions for Safe Storage: Store in air tight containers, in a cool dry place, out of direct sunlight in low fire risk areas. Avoid all sources of ignition. Avoid contact with incompatible materials that support combustion, such as strong oxidising agents.

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8 : Exposure Controls/Personal Protection

National Exposure Standards: No exposure standards have been established for this material by Worksafe Australia. However as a matter of course avoid repeated or prolonged contact with the skin. Keep out of eyes. Do not ingest. Use with good ventilation, do not breathe vapour. Sensitive individuals may develop an allergic response.

Biological Limit values: No biological limit allocated.

Engineering Controls: Natural ventilation should be sufficient, however where vapours of mists are generated the use of a grounded mechanical exhaust ventilation system is recommended.

Personal Protective Equipment (PPE):

Eye/face protection: Use splash-proof safety glasses and face shield where splashing is possible.

Skin protection: Clean overalls should be worn. Use impervious rubber gloves to avoid repeated or prolonged skin contact; depending on conditions in the workplace, additional body protection should be considered.

Respiratory protection: Usually not required in a well ventilated area. In confined or poorly ventilated area approved respiratory masks may be required.

Thermal hazards: Not Applicable

9 : Physical and Chemical Properties

Boiling Point	°C	Melting Point	°C
153 to 184		Not available	
Solubility in Water	% by wt. at 20°C	Specific Gravity	H2O = 1
Practically insoluble		0.915 to 0.930 at 20°C	
Vapour Pressure	760 mm Hg	Autoignition Temperature	°C
0.95 at 25°C		270	303
Evaporation Rate	Butyl acetate = 1	Flash Point	°C Closed Cup
< 1.0		45	
Flammable Limits in Air [Lower]	% by Volume	Flammable Limits in Air [Upper]	% by Volume
Not available		Not available	
Appearance			°C
Clear, pale yellow to yellow-brown coloured mobile liquid with a strong, fresh, penetrating odour characteristic of cineole.			

10 : Stability and Reactivity Data

Chemical Stability: Stable under the recommended storage conditions (see section 7).

Conditions to avoid: Avoid exposure to heat, sources of ignition, and open flame. Avoid exposure to air.

Incompatible Materials: Keep away from oxidizing agents and from highly alkaline or acidic material.

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, nitrogen fumes and oxides.

Hazardous Reactions: Exothermic reactions.

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11: Toxicological Information

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label.

Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Ingestion	Harmful, may cause lung damage. Full strength material may cause irritation to mouth and upper digestive tract if swallowed.
Inhalation	Full strength material may cause irritation to the mucous membrane and upper airways.
Skin Exposure	Full strength material in repeated or prolonged contact with skin may be irritating and cause allergic reaction in sensitive individuals.
Eye Exposure	Full strength material may be highly irritating to eyes.
Long Term Effects	The long term effects of this substance have not been fully investigated.
Toxicological Data	LD50 oral (rat) - 2480 mg/kg

12: Ecological Information

Ecotoxicity:	Avoid contaminating waterways.
Persistence/ Degradability:	No tested data available on this product.
Mobility:	Prevent contamination of soil, ground and surface water.
Additional Information:	Prevent this material entering waterways, drains or sewers.

13: Disposal Considerations

Disposal Methods: Disposal of this material should be undertaken by a licensed Waste Disposal Contractor.

14: Transportation Information

UN No: 1169
 Proper Shipping Name: EXTRACT, AROMATIC, LIQUID
 Class: 3
 Packing Group: III
 Hazchem Code: 3Y
 EmS reference: F-E,S-D

For the purposes of Sea Freight, this product is defined on page 3344 of the IMDG Code.

15: Regulatory Information

According to the criteria of NOHSC, this material is classified as; HAZARDOUS SUBSTANCE, DANGEROUS GOODS.

Poisons Schedule: 56 Poison

Additional Information: HS tariff code: 3301.29.00



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16 : Other Information

Date of Issue: 01/12/15

Revisions Made:

The information provided by this material safety data sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use processing, storage, transportation, disposal and release and is not considered a warranty or quality specification. The information relates only to the specified material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

END OF MATERIAL DATA SHEET

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