

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: Eucalyptus Oil

Recommended Use: Stain remover
Cleaners, Disinfectants, Germicides, Air Fresheners
etc.

Supplier: Midland Chemicals
ABN: 91 622 018 986

Street Address: 18 Elliott Street
Midvale
Western Australia

Telephone Number: +61 08 9274 1992

Facsimile: +61 08 9250 1710

Emergency Telephone: **1 800 033 111 (ALL HOURS)**

2. HAZARDS IDENTIFICATION

Hazardous according to the criteria of ASCC [NOHSC:1008(2004)]

Road and Rail; Dangerous Goods according to the criteria of the Australian Dangerous Goods Code (ADG Code).

Risk Phrases: R22: Harmful if swallowed.
R25: Toxic if swallowed.
R36: Irritating to eyes.

Safety Phrases: S2: Keep out of reach of children.
S16: Keep away from sources of ignition – No smoking
S45: In case of accident or if you feel unwell seek medical advice immediately
(show label where possible)

Poisons Schedule: 6

Packaging group number: III

3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS Number	Proportion	Risk Phrases
Eucalyptus Oil	8000-48	100%	

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4. FIRST AID MEASURES

For advice, contact a Poisons Information Centre (e.g. phone Australia 131 126; New Zealand 0800 764 766) or a doctor at once.

Inhalation:

N/A

Skin Contact:

N/A

Eye Contact:

Immediately wash in and around the eye area with large amounts of water for at least 15 minutes. Eyelids to be held apart.

Ingestion:

Immediately rinse mouth with water. Give glass of water. If swallowed in sufficient quantity to cause distress, contact a Doctor or Poisons Information Centre. Induce vomiting, use Ipecac Syrup (A.P.F.)

Medical attention and special treatment:

If swallowed call poison information centre.

5. FIRE FIGHTING MEASURES

Hazards from combustion products:

Combustible product, flash point, closed cup approx 40°C. Flammable, do not expose to open flame.

Precautions for fire fighters and special protective equipment:

Fire fighters to wear a positive-pressure self-contained breathing apparatus and protective fire fighting clothing (includes fire fighting helmet, coat, trousers, boots and gloves). Clear fire of all non-emergency personnel. Stay up wind. Keep out of low areas. Eliminate ignition source.

Suitable Extinguishing Media:

Use extinguishing media appropriate to surrounding fire conditions. Remove containers not involved in the fire from vicinity.

6. ACCIDENTAL RELEASE MEASURES

Emergency procedures:

Clear area of all unprotected personnel. Personnel involved in the clean up should wear full protective clothing as described in section 8. Eliminate all sources of ignition. Increase ventilation. Stop leak if safe to do so. Isolate the danger area. Do not let product reach drains or waterways. If product enters sewers or waterways advise local emergency services, or Environmental Protection Authority.

Methods and materials for containment and clean up:

Wear protective equipment. Stop leak if without risk. Contain spill with sand or soil, absorb with paper from which the oil will evaporate harmlessly.

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7. HANDLING AND STORAGE

This material must be stored, maintained and used in accordance with the relevant regulations.

Conditions for safe storage:

Keep container in a cool, well-ventilated area. Store below 40°C. Keep away from sources of ignition.

Precautions for safe handling:

Keep away from heat. Store below 40°C. Keep away from sources of ignition. Do not ingest. If ingested, seek medical advice and show the container or the label.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits:

No Standards set for this product.

Engineering controls:

Use in well ventilated areas.

Personal Protective Equipment:

N/A

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Liquid

Colour: Colourless to yellow or brown

Solubility: Immiscible in water

Solubility (70% ethanol): Sol. In 3.3 Vols (20°C)

Specific Gravity: 1.2

Relative Density: 0.9118 (20°C)

Vapour Pressure (20 °C): N/A

Flash Point (°C): 48°C closed cup

Flammability Limits (%): Low

Auto Ignition Temperature (°C): N/A

Boiling Point/Range (°C): 176°C

pH: 6 @ 1% solution

10. STABILITY AND REACTIVITY

Chemical stability: Stable under normal ambient and anticipated storage and handling conditions of temperature and pressure. Flashpoint 48°C closed cup. Flammability limits low.

Conditions to avoid: Store in a cool dry place away from acids and other chemicals.

Incompatible materials: Incompatible with acids, aluminium and alloys.

Hazardous decomposition products: Nature of decomposition products is not known. Releases corrosive fumes upon heating.

Hazardous reactions: Heat causes the product to emit corrosive fumes.

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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: Low acute toxicity, but can cause adverse respiratory problems.

Eye contact: Short term irritant.

Skin contact: Harmless.

Inhalation: Harmless.

Long Term Effects: N/A

Toxicological Data: Oral/Dermal/Inhalation LD/LC50 values not available.

12. ECOLOGICAL INFORMATION

Ecotoxicity Do not contaminate waterways.

Persistence and degradability possible short term degradation products are not likely. However, long term degradation products may arise.

13. DISPOSAL CONSIDERATIONS

Disposal methods: Dispose of in accordance with all local, state and federal regulations. All empty packaging should be disposed of in accordance with Local, State, and Federal Regulations or recycled/reconditioned at an approved facility.

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14. TRANSPORT INFORMATION

Road and Rail Transport

classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail; DANGEROUS GOODS.

UN No: 2319

Class-Primary: 3

Packing Group: III

Proper Shipping Name: Eucalyptus Oil

Hazchem Code: 3Y

Marine Transport

classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea; DANGEROUS GOODS.

UN No: 2319

Class-Primary: 3

Packing Group: III

Proper Shipping Name: Eucalyptus Oil

Hazchem Code: 3Y

Air Transport

classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air; DANGEROUS GOODS.

UN No: 2319

Class-Primary: 3

Packing Group: III

Proper Shipping Name: Eucalyptus Oil

Hazchem Code: 3Y

15. REGULATORY INFORMATION

Classification: Hazardous according to criteria of Safe work Australia; HAZARDOUS SUBSTANCE

Hazard Category: Flammable

Risk Phrases: R22: Harmful if swallowed.
R25: Toxic if swallowed.
R36: Irritating to eyes.

Safety Phrases: S2: Keep out of reach of children.
S16: Keep away from sources of ignition – No smoking
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16. OTHER INFORMATION

This material safety data sheet has been prepared by Midland Chemicals

This MSDS summarises to our best knowledge at the date of issue, the chemical health and safety hazards of the material and general guidance on how to safely handle the material in the workplace. Since Midland Chemicals cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, assess and control the risks arising from its use of the material. If clarification or further information is needed, the user should contact Midland Chemicals at the contact details on page 1.

Midland Chemical's responsibility for the material as sold is subject to the terms and conditions of sale, a copy of which is available upon request.