

VIRTUE +

# Eucalyptus Oil

Safety Data Sheet

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# Safety Data Sheet

## 1. IDENTIFICATION OF MATERIAL AND SUPPLIER

**Product Name:** EUCALYPTUS OIL COMMERCIAL  
**Other Names:**  
**Recommended use of the chemical and restrictions on use:** Fragrance material, spot & stain remover & general cleaner  
**Supplier:** Stelco Chemicals International Pty Ltd  
**ABN:** 17 151 834 347  
**Street Address:** 46 – 48 Henderson Road  
Rowville VIC 3178  
Australia  
**Telephone:** 61 3 9757 3100  
**Facsimile:** 61 3 9763 8243  
**Emergency Telephone Number:** 0412 318 882

## 2. HAZARDS IDENTIFICATION

Classified as Hazardous according to the criteria of Work Safe Australia.

### GHS classification:

Flammable liquid, category 3  
Skin corrosion/irritation, category 2  
Skin sensitisation, category 1  
Eye damage/irritation, category 2A  
Aquatic hazard, acute, category 3  
Aquatic hazard, chronic, category 3

**Signal word:** Warning

### Hazard Pictograms:



### Hazard statements:

H226: Flammable liquid and vapour  
H315: Causes skin irritation  
H317: May cause an allergic skin reaction  
H319: Causes serious eye irritation  
H402: Harmful to aquatic life  
H412: Harmful to aquatic life with long lasting effects

### Precautionary statements:

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P261: Avoid breathing fumes.



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P264: Wash hands thoroughly after handling

P273: Avoid release to the environment.

P280: Wear protective gloves and eye protection

P403+P233: Store in a well-ventilated place. Keep container tightly closed.

P501: Dispose of contents/ container in accordance with local/ regional/ national/ international Regulations.

## 3. COMPOSITION AND INFORMATION ON INGREDIENTS

Components	CAS Number	Proportion	Hazard Codes
Cineols (Eucalyptol)	470-82-6	10-30%	H226,H303,H316
2-methylpentane-2,4-diol	107-41-5	10-30%	H227,H315,H319
Terpineol (alpha-Terpineol)	98-55-5	<10%	H227,H303,H315,H319,H401
Pinenes	80-56-8	<10%	H226,H303,H304,H315,H317
d-Limonene (p-Mentha-1,8-diene)	5989-27-5	<10%	H226,H304,H315,H317,H400,H410

## 4. FIRST AID MEASURES

### Description of first aid measures

Inhalation:	Remove from the exposure area to fresh air, lay patient on back until breathing returns to normal. Contact a doctor if necessary.
Skin contact:	Remove contaminated clothing. Wash thoroughly with soap and water. Seek medical advice if irritation persists or there is any sign of tissue damage.
Eye contact:	Flush with plenty of water for 15 minutes including under eyelid and seek medical advice if necessary.
Ingestion:	Do NOT induce vomiting. Position to avoid aspiration should vomiting occur. Wash mouth with plenty of water and obtain medical advice immediately.
Chronic symptoms:	No further information available at this time

### Medical attention and special treatment

No further information available at this time.

## 5. FIRE-FIGHTING MEASURES

### **Suitable extinguishing equipment:**

Carbon dioxide, foam or dry powder. DO NOT USE A DIRECT WATER JET.

### **Specific hazards arising from the chemical:**

May produce Carbon dioxide and unidentified organic compounds.

### **Special protective equipment and precautions for firefighters:**

Wear Self-Contained Breathing Apparatus (S.C.B.A.) and full protective clothing to minimise skin exposure. Avoid inhalation of vapours. Keep containers cool with water spray. Do not use direct water jet on burning material. Do not allow spillage of fire to enter drains or watercourses.



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## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures:

Remove all sources of ignition. Avoid inhalation, skin and eye contact. Ensure proper ventilation. Evacuate all unnecessary personnel. If possible contain the spill.

### Environmental precautions:

Do not discharge directly into drains or the soil. Keep away from surface and ground water.

### Methods and materials for containment and cleaning up:

Soak up spillage with sand or other inert absorbant material such as earth or vermiculite; transfer used material to a suitable waste container and dispose in accordance with regulations. If large quantities of this material enter the waterways, contact the EPA or your local Waste Management Group.

## 7. HANDLING AND STORAGE

### Precautions for safe handling:

Maintain good occupational and personal hygiene. Avoid inhalation and contact with skin and eyes. Wear protective clothing and use safety glasses. Keep in original container or an alternative made from a compatible material.

### Conditions for safe storage:

Store in tightly sealed original containers away from ignition sources and in a cool place. Avoid contact with incompatible materials that support combustion, such as strong oxidising agents.

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

### Exposure control measures:

No exposure standards have been established for this material by Work safe 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.

### 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.

### Individual protection measures, such as Personal Protective Equipment (PPE):

OVERALLS, SAFETY SHOES, FACE SHIELD OR AIR MASK, NITRILE GLOVES (Long).

Refer to Section 5 for specific fire/chemical personal protective equipment advice. Always wash routinely before breaks, meals and at the end of the work period. Use splash-proof safety glasses and face shield where splashing is possible. Wear chemically resistant disposable gloves. Wear overalls. Depending on conditions in the workplace, additional body protection should be considered. Always wash routinely before breaks, meals and at the end of the work period. Respiratory protection is not generally required. Use inhalation protection in poorly ventilated areas.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

FLASH POINT (°C)

50



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APPEARANCE:	Mobile liquid
COLOUR	Colourless to pale yellow
ODOUR	Camphoraceous, aromatic odour
ODOUR THRESHOLD	Not available
pH @20 DEG C	Not available
MELTING/FREEZING POINT	Not available
INITIAL BOILING POINT AND RANGE	Not available
EVAPORATION RATE	Not available
FLAMMABILITY (SOLID/GAS)	Not available
UPPER/LOWER FLAMMABILITY LIMITS	Not available
VAPOUR PRESSURE	Not available
VAPOUR DENSITY	Not available
SPECIFIC GRAVITY @ 20 deg C	0.985 to 1.005
SOLUBILITIES	Insoluble in water
PARTITION COEFF N-OCTANAL/WATER	Not available
AUTO-IGNITION TEMPERATURE	Not available
DECOMPOSITION TEMPERATURE	Not available
VISCOSITY @ 20 DEG C	Not available
EXPLOSIVE PROPERTIES	Not available

## 10. STABILITY AND REACTIVITY

Reactivity:	Not determined
Chemical stability:	Stable under the recommended storage conditions.
Possibility of hazardous reactions:	No hazardous reactions if stored under suitable storage conditions.
Conditions to avoid:	Avoid exposure to heat, sources of ignition, and open flame. Avoid exposure to air.
Incompatible materials:	Keep away from oxidising agents and from highly alkaline or acidic material.
Hazardous decomposition products:	During combustion may form carbon monoxide, carbon dioxide and unidentified organic compounds.

## 11. TOXICOLOGICAL INFORMATION

### Information on toxicological effects

Acute toxicity:	May be harmful if swallowed.
Skin corrosion/irritation:	Causes skin irritation.
Serious eye damage/irritation:	Causes serious eye irritation.
Respiratory or skin sensitisation:	May cause an allergic skin reaction.
Germ cell mutagenicity:	No data
Cancerogenicity:	No data



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Reproductive toxicity: No data  
Specific Target Organ Toxicity (STOT): - single exposure: No data  
Specific Target Organ Toxicity (STOT): - single repeated exposure: No data  
Aspiration hazard: No data

## 12. ECOLOGICAL INFORMATION

Ecotoxicity: Harmful to aquatic life with long lasting effects. Avoid contaminating waterways.  
Persistence and degradability: No data  
Bioaccumulative potential: No data  
Mobility in soil: Prevent contamination of soil, ground and surface water.  
Other adverse effects: No data

## 13. DISPOSAL CONSIDERATIONS

### Disposal methods:

Dispose in accordance with the law and local regulations. Treat as trade effluent.

## 14. TRANSPORT INFORMATION

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: 1993  
Proper shipping name or technical name: FLAMMABLE LIQUID, N.O.S.  
Transport hazard class: 3  
Packing Group number: III  
Environmental hazards for transport purposes: No relevant information available  
Hazchem or Emergency Action Code: •3Y

Maritime Transport (International Maritime Dangerous Goods Code (IMDG Code)):

EmS: F-E, S-E

Marine Pollutant: No

## 15. REGULATORY INFORMATION

Poisons Schedule Number: Not applicable



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All the constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS).

## 16. OTHER INFORMATION

This Safety Data sheet has been prepared by Stelco Chemicals International Pty Ltd.

This SDS summarises at the date of issue our best knowledge of the health and safety information of the product, and in particular how to safely handle and use the product in the workplace. As each workplace is different each user must, prior to use, review this SDS in the context of how the user intends to handle and use the product in the workplace.

If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact Stelco Chemicals International Pty Ltd at the contact details on page 1.