

# Safety Data Sheet

## Eucalyptus Oil

### 1. Identification

Trade name of product : Eucalyptus Oil  
Other Shipping Name : Flammable Liquid N.O.S. (contains Terpenes)  
Supplier Address : Cleaning Essentials On the Run  
183 Ruthven St Toowoomba  
QLD 4350 Australia  
Supplier Contact Details : Phone: 07 4632 4120, email: sales@cleaningessentials.com.au  
Emergency telephone number : Poisons Information 131126  
Material uses : General Purpose Chemical  
Date of issue : 1 October 2016



### 2. Hazards identification

Classified as **DANGEROUS GOODS** by the criteria of the Australian Dangerous Goods Code (ADG Code) for Transport by Road and Rail.

This material is **HAZARDOUS** according to Safe Work Australia's GHS Criteria.

#### Hazard Category

Eye Irritation – Category 2A  
Skin Irritation – Category 2  
Flammable Liquids – Category 3  
Acute Oral Toxicity – Category 4  
Specific Target Organ Toxicity (single exposure) – Category 3

**Signal Word:** WARNING

#### Hazard Statements:

Flammable liquid and vapour.  
Causes serious eye damage.  
Causes skin irritation.  
Harmful if swallowed.  
May cause respiratory irritation.

#### Precautionary Statements:

##### Prevention:

Keep away from heat/sparks/open flames/hot surfaces. No smoking.  
Keep container tightly closed. Ground container and receiving equipment. Use explosion-proof electrical equipment. Use only non-sparking tools. Take precautionary measures against static discharge.  
Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product.  
Wear protective gloves/eye protection/face protection.  
Do not breathe spray. Use only outdoors or in a well-ventilated area.

##### Response:

IF IN EYES: 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.  
IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with soap and water.  
IF SWALLOWED: Immediately call a POISON CENTER or doctor. Rinse mouth.



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IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor if you feel unwell.

In case of fire use water based foam, chemical powder or carbon dioxide.

## Storage:

Store in accordance with local regulatory requirements. Store locked up, in a well ventilated place. Keep container tightly closed.

## Disposal:

Dispose in accordance with local regulatory requirements.

## General Phrases:

Keep out of reach of children.

## 3. Composition/information on ingredients

Ingredient name	CAS number	Proportion %	TWA mg/m <sup>3</sup>	STEL mg / m <sup>3</sup>
Eucalyptus Oil	8000-48-4	>80	None allocated	None Allocated

Ingredients, determined not to be hazardous according to Safe Work Australia's criteria, and not dangerous according to the ADG Code, make up the product concentration to 100%.

## 4. First-aid measures

- Eye contact** : Rinse with plenty of running water. Seek medical advice if symptoms occur.
- Skin contact** : Remove contaminated clothing (wash before re-use). Then rinse with plenty of running water and soap. Seek medical advice if symptoms occur.
- Inhalation** : Remove to fresh air. Seek medical advice if symptoms occur.
- Ingestion** : Do NOT induce vomiting. Rinse Mouth. Give water to drink. Seek medical advice if symptoms occur.
- Notes to physician** : Treat Symptomatically.

## 5. Fire-fighting measures

- Extinguishing media** : Flammable, if material is involved in a fire use: normal foam, dry agent (carbon dioxide, dry chemical powder)
- Specific Hazards arising from the chemical** : Flammable liquid. Incompatible with Strong oxidising agents, acids and sources of ignition. Hazardous decomposition products may include toxic hydrocarbons, Carbon monoxide and carbon dioxide if burning
- Special protective equipment and precautions for fire-fighters** : Decomposes on heating emitting toxic fumes. Fire fighters to wear self-contained breathing apparatus in the event of a fire.
- Hazchem Code** : ●3Y

## 6. Accidental release measures

- Personal precautions** : For small spills ensure suitable equipment and PPE is used. Dispose of waste in accordance with local rules. For large spills the following PPE is recommended to reduce risk: Safety Glasses, Chemical Resistant Shoes & Gloves, long sleeves / trousers, respirators. Increase ventilation. Remove sources of ignition. Remove non-essential

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- personnel from the area. Ensure that products of incompatible classes near the spill are removed. Use clean, non-sparking tools and equipment.
- Environmental precautions** : Contain large spills/releases using appropriate bunding or capping. Prevent entry into drainage systems, sewers and waterways.
- Methods for cleaning up** : Spills may be slippery when wet. Small spills use a clean pan & brush, for larger spills contain, collect and dispose. Use clean, non-sparking tools and equipment.

**Note:** see section 8 for personal protective equipment and section 13 for waste disposal.

## 7. Handling and storage

- Handling** : Use clean dispensing equipment. Use appropriate PPE.
- Storage** : Store in a cool, dry, well-ventilated, fire-proof area. Keep containers tightly sealed when not in use. Inspect regularly for deficiencies such as damage or leaks. Protect against physical damage. Ground and bond storage containers. Store away from incompatible materials as listed in section 10. Store away from heat and light sources, and foodstuffs. This material is a Scheduled Poison (S6) and must be stored, maintained and used in accordance with the relevant regulations. This product has a UN Classification of 1993 and a Dangerous Goods Class 3 (flammable) according to The Australian Code for the Transport of Dangerous Goods By Road and Rail.

## 8. Exposure controls/personal protection

- Engineering measures** : A system of local and/or general exhaust is recommended to keep employee exposures as low as possible. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. In poorly ventilated areas, mechanical explosion-proof extraction ventilation is recommended
- Personal Protection**
- Eyes** : Safety Glasses
- Hands** : Chemical resistant gloves
- Respiratory** : If determined by a risk assessment an inhalation risk exists, wear a suitable mist respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716.
- Skin** : Long sleeves/trousers/chemical resistant apron/chemical resistant boots

## 9. Physical and chemical properties

- Physical state** : Liquid
- Colour** : Colourless to pale yellow
- Odour** : Eucalyptus
- pH** : NA
- Flash point (°C)** : 43 – 56 (CC)
- Boiling point (°C)** : 174 - 176
- Specific Gravity (g/ml @ 25°C)** : 0.88 – 0.93
- Solubility in water** : Insoluble

## 10. Stability and reactivity

- Reactivity** : Incompatible with strong oxidising agents and acids.
- Stability** : Stable under normal storage conditions. Flammable liquid.
- Possibility of Hazardous Reactions** : Hazardous decomposition products may include toxic hydrocarbons, carbon monoxide and carbon dioxide if burning.
- Conditions to avoid** : Avoid heat and other ignition sources.

## 11. Toxicological information

### Potential acute health effects

No acute health effects expected if the product is handled in accordance with instructions provided by the manufacturer. Symptoms that may result if the product is mishandled or if overexposure occurs include:

- Ingestion** : Harmful : may cause lung damage if swallowed. Harmful if ingested in quantity, causing internal irritation, nausea and vomiting, dizziness and muscular weakness, rapid pulse and difficulty in breathing. In severe cases delirium and convulsions may occur.
- Skin** : Irritating to skin.
- Eye** : Irritating to eyes.
- Inhalation:** : Potential irritant. Over-exposure at high levels may result in mucous membrane irritation of the nose and throat with coughing.

## 12. Ecological information

### Ecotoxicity data

May be harmful to the environment. Avoid contaminating waterways.

## 13. Disposal considerations

- Methods of disposal** : Containers should be emptied as completely as practical before disposal. If possible, recycle containers either in-house or send to recycle company. If this is not practical, send to a commercial waste disposal site.

## 14. Transport information

Regulation	UN Number	Proper shipping name	Class	Packing group	Additional information
ADG	1993	FLAMMABLE LIQUID, N.O.S. (Eucalyptus Oil)	3	III	Hazchem ●3Y

## 15. Regulatory information

### **Product AS SOLD**

Classified as **DANGEROUS GOODS** by the criteria of the Australian Dangerous Goods Code (ADG Code) for Transport by Road and Rail.

This material is **HAZARDOUS** according to Safe Work Australia's GHS Criteria.

This material is a **SCHEDULE 6 POISON** according to the SUSMP.

All ingredients listed on AICS.

### **Hazard Category**

Eye Irritation – Category 2A

Skin Irritation – Category 2

Flammable Liquids – Category 3

Acute Oral Toxicity – Category 4

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**Signal Word:** WARNING

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## **Hazard Statements:**

Flammable liquid and vapour.  
Causes serious eye damage.  
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Harmful if swallowed.  
May cause respiratory irritation.

## **Precautionary Statements:**

### **Prevention:**

Keep away from heat/sparks/open flames/hot surfaces. No smoking.  
Keep container tightly closed. Ground container and receiving equipment. Use explosion-proof electrical equipment. Use only non-sparking tools. Take precautionary measures against static discharge.  
Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product.  
Wear protective gloves/eye protection/face protection.  
Do not breathe spray. Use only outdoors or in a well-ventilated area.

### **Response:**

IF IN EYES: 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.  
IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with soap and water.  
IF SWALLOWED: Immediately call a POISON CENTER or doctor. Rinse mouth.  
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor if you feel unwell.  
In case of fire use water based foam, chemical powder or carbon dioxide.

### **Storage:**

Store in accordance with local regulatory requirements. Store locked up, in a well ventilated place. Keep container tightly closed.

### **Disposal:**

Dispose in accordance with local regulatory requirements.

### **General Phrases:**

Keep out of reach of children.

**Classification** : FLAMMABLE, IRRITANT

### **Risk Phrases**

R10 Flammable.  
R22 Harmful if swallowed.  
R36/37/38 Irritating to eyes, respiratory system and skin.

### **Safety Phrases**

S2 Keep locked up and out of reach of children.  
S16 Keep away from sources of ignition No smoking.  
S19/25 Avoid contact with eyes and skin.  
S28 After contact with skin, wash immediately with plenty of soap and water  
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.  
S45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

## 16. Other information

**Literature References** : Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice. Standard for the Uniform Scheduling of Medicines and Poisons.  
 Australian Code for the Transport of Dangerous Goods by Road & Rail.  
 Workplace exposure standards, Safe Work Australia.  
 Hazardous Substances/Chemicals Information System, Safe Work Australia.  
 Globally Harmonised System of classification and labelling of chemicals.  
 Raw material suppliers' SDS

### Symbio Traffic Light System

Traffic Light	Classified as <b>Dangerous Goods</b> according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (7th edition) (ADG7)	Classified as <b>Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS)</b> as adopted by Work, Health and Safety regulations, Australia.	Notes
<b>RED</b>	✓	✓	<b>PLUS</b> products that are NOT Classified as Dangerous Goods according to ADG7, but classified as Corrosive to eyes and skin and/or Aspiration Hazard Category 1 and/or Toxic to humans according to the GHS as adopted by Work, Health and Safety regulations, Australia
<b>AMBER</b>	✗	✓	<b>EXCLUDING</b> products that are classified as Corrosive to eyes and skin and/or Aspiration Hazard Category 1 and/or Toxic to humans according to the GHS as adopted by Work, Health and Safety regulations, Australia
<b>GREEN</b>	✗	✗	

**Prepared by** : Australian Chemical Services Pty Ltd (0411 863 178)

This Safety Data Sheet is the first issue under the direction of the PREPARATION OF SAFETY DATA SHEETS FOR HAZARDOUS CHEMICALS of December 2011. The information sourced for the preparation of this document was correct and complete at the time of writing to the best of the writer's knowledge. The document represents the commitment to the company's responsibilities surrounding the supply of this product, undertaken in good faith. This document should be taken as a safety guide for the product and its recommended uses but is in no way an absolute authority. Please consult the relevant legislation and regulations governing the use and storage of this type of product.

**END OF SAFETY DATA SHEET**