



# Material Safety Data Sheet

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: **EUCALYPTUS OIL**

Emergency: PH (02) 9572 6913 (Business hour ) or Poison Information Centre: 13 11 26.

## 2. HAZARDS IDENTIFICATION

This material is hazardous according to criteria of ASCC; **HAZARDOUS SUBSTANCE**.

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

Supplier: Enviro Chemicals (Australia) Pty Ltd. ( A.C.N : 094087493)

Street Address: 19 Rosedale Ave. Greenacre. NSW 2190.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Product Description: Colourless or pale yellow oil with a characteristic spicy camphoraceous odour. Disinfectant, solvent, flavouring agent, fragrance.

## 4. FIRST AID MEASURES

**Inhalation:** Remove victim from area of exposure - avoid becoming a casualty. Seek medical advice if effects persist.

**Skin Contact:** If skin contact occurs, remove contaminated clothing and wash skin with soap and water. If irritation occurs, seek medical advice.

**Eye Contact:** If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes.

**Ingestion:** Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water. Seek immediate medical assistance.

**Medical attention and special treatment:** Treat symptomatically. Delayed pulmonary oedema may result.

## 5. FIRE FIGHTING MEASURES

Hazards from combustion products: Flammable liquid. Avoid all ignition sources. Flameproof equipment is necessary in all areas where this chemical is being used. Nearby equipment must be earthed.

Precautions for fire fighters and special protective equipment: On burning will emit toxic fumes. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion.

Suitable Extinguishing Media: Dry agent (carbon dioxide, dry chemical powder) - water MUST NOT be allowed to come into contact with substance.

Hazchem Code: 3[Y]

## 6. ACCIDENTAL RELEASE MEASURES

Methods and materials for containment and clean up: Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contact and breathing in vapours. Shut off all possible sources of ignition. Use non-sparking tools. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers or drums for disposal.

## 7. HANDLING AND STORAGE

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

Conditions for safe storage: Store in a cool, dry, well ventilated place and out of direct sunlight. Store away from sources of heat or ignition. Store away from incompatible materials described in Section 10. Keep containers closed when not in use - check regularly for leaks.

Precautions for safe handling: Avoid skin and eye contact and breathing in vapour. Use away from sources of heat and ignition. Take precautionary measures against static discharges.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits: No value assigned for this specific material by the National Occupational Health and Safety Commission.

Engineering controls: Use in well ventilated areas. If inhalation risk exists: Use with local exhaust ventilation or while wearing organic vapour respirator or air supplied mask. Keep containers closed when not in use.

Personal Protective Equipment: The selection of PPE is dependant on a detailed risk assessment. The risk assessment should consider the work situation, the physical form of the chemical, the handling methods, and environmental factors.

Orica Personal Protection Guide No. 1, 1998: H - OVERALLS, SAFETY SHOES, CHEMICAL GOGGLES, GLOVES, RESPIRATOR.

Wear overalls, chemical goggles and impervious gloves. Use with adequate ventilation. If risk of inhalation exists, wear organic vapour respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716.

Always wash hands before smoking, eating, drinking or using the toilet.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:

Liquid Colour: Colourless or Pale Yellow      Odour: Characteristic

Solubility: Practically insoluble in water. Soluble in alcohol, ether, chloroform and most organic solvents. Specific Gravity: 0.920 at 25°C

Relative Vapour Density (air=1): Not available Vapour Pressure (20 °C): Not available

Flash Point (°C): 48      Flammability Limits (%): Not available

Autoignition Temperature (°C): Not available Melting Point/Range (°C): Not applicable

Boiling Point/Range (°C): 176      pH: Not applicable

Viscosity: Not available      Evaporation Rate: Not available

## 10. STABILITY AND REACTIVITY

Chemical stability: Stable under normal conditions of use.

## 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:**      Swallowing may result in epigastric (upper-middle abdomen) burning, nausea, vomiting, dizziness, muscular weakness, miosis (contraction of the pupils), and feeling of suffocation. Cyanosis, delirium, and convulsions may also occur.

**Eye contact:**      An eye irritant.

**Skin contact:**      Contact with skin may result in irritation.

**Inhalation:**      Material may be irritant to the mucous membranes of the respiratory tract (airways). Breathing in vapour can result in headaches, dizziness, drowsiness, and possible nausea. Inhalation at high concentrations can result in breathing difficulties and possibly convulsions.

**SKIN:**      Moderate irritant (rabbit). (1)

## 12. ECOLOGICAL INFORMATION

Ecotoxicity Avoid contaminating waterways.

## 13. DISPOSAL CONSIDERATIONS

Disposal methods: Refer to local government authority for disposal recommendations. Dispose of material through a licensed waste contractor. Advise flammable nature.

## 14. TRANSPORT INFORMATION

Road, Rail Transport and Air 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 Flammable Liquid

Packing Group: III

Proper Shipping Name: TERPENE HYDROCARBONS N.O.S. (EUCALYPTUS OIL)

## 15. REGULATORY INFORMATION

Classification: This material is hazardous according to criteria of ASCC; HAZARDOUS SUBSTANCE.

Hazard Category: Xi: Irritant

Risk Phrase(s): R36/38: Irritating to eyes and skin.

Safety Phrase(s): S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S24/25: Avoid contact with skin and eyes. S36/37/39: Wear suitable protective clothing, gloves and eye/face protection.

Poisons Schedule: S6 Poison.

This material is listed on the Australian Inventory of Chemical Substances (AICS).