

## Eucalyptus Globulus

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### MATERIAL SAFETY DATA SHEET

ACCORDING TO EC LEGISLATION 91/155/E EC

Date created: June 1998

Date revised: June 2005

#### 1. Identification:

Commercial name: Eucalyptus Radiata essential oil.

Botanical Nomenclature: Eucalyptus australiana.

INCI name: Not available.

CAS number: Not available.

EINECS/ELINCS number: Not available.

#### 2. Composition:

Main components: D-pinene, 1,8-Cineole, D-terpinyl acetate, Terpinene-4-ol.

Additives (e.g. carriers, preservatives, antioxidants): Nil.

#### 3. Potential Health Hazards:

Inhalation: None identified.

Skin: Concentrated liquid and vapours irritating to skin by prolonged exposure.

Eyes: Irritating to eyes with possible damage.

Ingestion: Harmful if swallowed.

#### 4. First aid:

Inhalation: If discomfort is felt, remove person to a well ventilated area with plenty of fresh air.

Skin: Remove contaminated clothing. Wash affected area with plenty of soap and water.

Eyes: Flush immediately with plenty of cool water for 10 to 20 minutes. Seek medical advice

from a Medical Doctor.

Ingestion: Seek immediate medical care.

#### 5. In case of fire:

Extinguishing Media: Foam, Carbon dioxide.

Do not use: Water.

Special precautions: wear breathing apparatus as toxic vapours may be released during fire.

#### 6. Spill and Leak Procedure:

Individual precautions: Eliminate sources of ignition. Keep area well ventilated and isolate the spill.

Environmental protection: Prevent the liquid from entering the drains and sewers.

Cleaning methods: Soak up the spill using inert absorbents. For large spills use pumps.

#### 7. Handling and storage:

Store in a cool, dry and dark place in suitable containers (aluminium cans or lacquer lined steel drums).

Handle in a well ventilated area.

Keep away from sources of heat and ignition.

#### 8. Personal Protection / Exposure control:

Respiratory protection: wear breathing apparatus when working in an area of high vapour concentration.

Skin protection: Use protective gloves. wear protective clothing when possibility exists of contact.

Eye protection: Goggles should be worn.

General precautions: Use good industrial hygiene practise.

Eucalyptus Globulus

Clear to pale yellow liquid

9. Physiochemical properties:  
Appearance:

Typical Eucalyptus

Odour:

pH:

Neutral

Not available

Boiling point:

40°C

Flash point:

Autoignition Temperature:

Not available

Not available

Explosion Limits:

Vapour pressure (25°C):

Not available

>1 (air=1)

Vapour Density:

Specific Gravity (15°C):

0.916 to 0.930

Optical Rotation (20°C):

+1° to +5°

Refractive Index (20°C):

1.460 to 1.467

Solubility in water (20°):

Negligible

Partition Coefficient log P o/w:

Not available

Evaporation rate:

<1 (Butyl Acetate=1)

10. Stability and Reactivity:

Chemical Stability: Stable.

Conditions to avoid: Normally stable. Not reactive with water.

Hazardous Decomposition Products: Not available.

Data not available.

Eucalyptus Globulus

11. Toxicological Information:

According to RIFM- Monograph:

Acute Toxicity: Oral LD50: Data not available.

Dermal LD50: Data not available.

Irritation:

12. Sensitisation:

Data not available.

Phototoxicity:

Data not available.

13. Ecotoxicological information:

Fish Toxicity: LCO/EC50: Not available.

Bacteriotocity: ECO/EC50: Not available.

14. Disposal Method:

Check Federal, State and Local Regulations.

15. Transport Information:

UN Number 1993: Proper shipping name: Flammable Liquid N.O.S.

Hazard Class: 3.3 Packing group: III

Transport Safety: Air (ATA/ICAO)

2/PAX309/CA310/III

Sea (IMDG-Code): 3.3/III

Rail (RID): 3.31c

Road (ADR): 3.31c

Symbol: Risk-Phrase

RI0, 22,38

Safety-Phrase: (24/25)

16. Legislation:

Meets IFRA and RIFM guidelines.

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FOR AND ON BEHALF OF SHIRLEY PRICE AROMATHERAPY LTD:  
P.I Brealey..... (MANAGING DIRECTOR)  
DATE: