

# MATERIAL SAFETY DATA SHEET.

## 1. IDENTIFICATION OF SUBSTANCE/PREPARATION & COMPANY.

Product name: **Eucalyptus Oil Globulus**

SUPPLIER: NORFOLK TRADING 1 RIGBY'S COURT NORWICH NR2 1NT UK

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## 2. COMPOSITION / INFORMATION ON INGREDIENTS.

DEFINITION/BOTANICAL ORIGIN: Eucalyptus oil is the volatile oil obtained by the steam distillation of the fresh leaves of *Eucalyptus globulus* Labillardiere (Fam. *Myraceae*)

H-No: 330129530

CAS No: 84625-32-1

Status: natural

CoE No: 185

FEMA: 2466

Additives: none

FDA: 172.510

IFRA: not restricted

Application: aromatherapy, cosmetics

RIFM: monograph

EINECS: 1283-406-2

RTECS:

INCI name: Eucalyptus globulus

FCCIV: official

## 3. HAZARDS IDENTIFICATION:

R10 Flammable liquid

## 4. FIRST-AID MEASURES:

INHALATION: Remove from exposure site to fresh air. Keep at rest. Obtain medical attention.

EYE CONTACT: Rinse immediately with plenty of water for at least 15 mins. Contact a doctor if symptoms persist.

SKIN CONTACT: Remove contaminated clothes. Wash thoroughly with soap & water, flush with plenty of water. If irritation persists, seek medical advice.

INGESTION: Rinse mouth out with water. Seek medical advice **immediately**.

OTHER: When assessing action take Risk & Safety Phrases into account (Section 15)

## 5. FIRE FIGHTING MEASURES.

EXTINGUISHING MEDIA RECOMMENDED: Use CO<sub>2</sub>, Dry Powder or Foam type Extinguishers, spraying extinguishing media to base of flames. Do not use direct water jet on burning material.

SPECIAL MEASURES: Avoid vapour inhalation. Keep away from sources of ignition. Do not smoke. Wear positive pressure self-contained breathing apparatus & protective clothing.

EXTINGUISHING PROCEDURES: Closed containers may build up pressure when exposed to heat and should be cooled with water spray.

## 6. ACCIDENTAL RELEASE MEASURES.

PERSONAL PRECAUTIONS: Avoid inhalation & direct contact with skin & eyes. Use individual protective equipment (safety glasses, waterproof-boots, suitable protective clothing) in case of major spillages.

ENVIRONMENT PRECAUTIONS: Keep away from drains, soils, surface & groundwaters.

CLEANING UP METHODS FOR SPILLAGES: Remove all potential ignition sources. Contain spilled material. Cover with an inert or non-combustible inorganic absorbent material, sweep

up and remove to an approved disposal container. Observe state, federal & local disposal regulations.

## **7. HANDLING & STORAGE.**

PRECAUTIONS IN HANDLING:	Apply good manufacturing practice & industrial hygiene practices, ensuring proper ventilation. Observe good personal hygiene, and do not eat, drink or smoke whilst handling.
STORAGE CONDITIONS:	Store in tightly closed original container, in a cool, dry & ventilated area away from heat sources & protected from light. Keep air contact to a minimum.
FIRE PROTECTION:	Keep away from ignition sources & naked flames. Take precautions to avoid static discharges in working area.

## **8. EXPOSURE CONTROLS/ PERSONAL PROTECTION.**

RESPIRATORY PROTECTION:	Avoid breathing product vapour. Apply local ventilation where possible.
VENTILATION:	Ensure good ventilation of working area.
HAND PROTECTION:	Avoid all skin contact. Use chemically resistant gloves if required.
EYE PROTECTION:	Use safety glasses.
WORK/HYGIENE PRACTICES:	Wash hands with soap & water after handling.

## **9. PHYSICAL & CHEMICAL PROPERTIES.**

COLOUR:	Colourless to pale yellow
APPEARANCE:	Mobile liquid
ODOUR:	Fresh, reminding of cineol
FLASH-POINT °C:	47
SPECIFIC GRAVITY AT 20°C:	0.9130 to 0.9250
OPTICAL ROTATION @ 20°C:	0° to +10°
REFRACTIVE INDEX @ 20°C:	1.4600 to 1.4650
SOLUBILITY IN 70% ETHANOL AT 20°C:	1 + 3 clear

## **10. STABILITY & REACTIVITY.**

REACTIVITY:	It presents no significant reactivity hazards, by itself or in contact with water. Avoid contact with strong acids, alkali or oxidising agents.
DECOMPOSITION:	Liable to cause smoke & acrid fumes during combustion: carbon monoxide, carbon dioxide & other non-identified organic compounds may be formed.

## **11. TOXICOLOGICAL INFORMATION.**

Not a sensitizer, nd not photo-toxic; however toxic to humans by oral route: orl-chd TDLo 218mg/Kg; orl-man TDLo 375mg/Kg.

## **12. ECOLOGICAL INFORMATION.**

BIODEGRADABILITY:	Data not available
PRECAUTIONS:	Prevent surface contamination of soil, ground & surface water.

## **13. DISPOSAL CONSIDERATIONS.**

Avoid disposing to drainage systems and into the environment. Seek expert advice.

## **14. TRANSPORT REGULATIONS.**

ROAD (ADR/RID):	Class 3.3
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Air (IATA/ICAO): Class 3 Packing group III  
SEA (IMDG): 3142 Packing group III

**15. REGULATORY INFORMATION.** According to Directive 88/379/EEC

HAZARDS:

SYMBOLS:

RISK PHRASES: R10 Flammable liquid

SAFETY PHRASES: S16 S24/25 Avoid contact with skin and eyes

**16. OTHER INFORMATION.**

UN 1993: Flammable liquid n.o.s. applies

**PACKAGING:**

Type	Suitability
Glass	Yes
Lacquer lined steel/tin	Yes
Aluminium	Yes
HPPE	
F/HDPE	
Other plastic	No

**SHELF-LIFE**

Min 12 months when stored within advised conditions.

**Q.C. REQUIREMENTS.**

In-line with general product specification. Always satisfy suitability for specific application.

Retest after 6 months.

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