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**MATERIAL SAFETY DATA SHEET**  
As required by EEC Regulation 96/54/EC  
**Eucalyptus Globulus Oil**  
*Eucalyptus Globulus, Product Reference T109*  
EINECS CAS 84625-32-1 USA CAS 8000-48-4

**1. CHEMICAL COMPOSITION: INCLUDING HAZARDOUS COMPONENTS:**

This essential oil is obtained from steam distillation from the biomass. The main component is Cineole (Eucalyptol) 70-80%.

The oil is classified as hazardous.

**2. HAZARDOUS IDENTIFICATION:**

This product is required to be labelled according to the regulation 96/54/EC governing hazardous substances. The oil contains 15-20% Terpenes.

Xn.  
R10  
R65  
S62

**3. FIRST AID PROCEDURES:**

Skin Contact:	Rinse with running water. Remove contaminated clothing.
Eye Contact:	Rinse with sterile water or an approved eyewash solution for 15 minutes.
Inhalation:	Move to fresh air and rest.
Ingestion:	If swallowed do not induce vomiting, seek medical advice immediately, show the label or container.

**4. FIRE FIGHTING PROCEDURES:**

Suitable Extinguishers:	Normal extinguishers can be used (CO <sub>2</sub> , powders, foams, halogens).
Unsuitable Extinguishers:	Direct water jet.
Fire Hazard:	Products of combustion – Oxides of Carbon.

**5. ACCIDENTAL RELEASE PROCEDURES:**

Safety Clothing:	Wear clothing suitable for an emergency.
Environmental Precautions:	Contain the leak with earth or sand. Prevent from entering drains and sewers; if this cannot be done advise the local authority.
Clean Up Procedure:	Absorb spillage onto sand or earth. Transfer to a suitable container for disposal.

**6. HANDLING & STORAGE PROCEDURES:**

Handling:	Avoid spillage and eye contact (gloves and goggles recommended).
Ventilation:	Good general ventilation required.
Storage Conditions:	Store at ambient temperature in a dark container. Store away from oxidizing substances e.g. Bleach. Store in full containers; Stainless Steel for bulk or glass for small quantities.

**7. EXPOSURE CONTROL/PERSONAL PROTECTION:**

Respiratory:	Use only in well ventilated areas. Use protection in poor ventilation.
Hand Protection:	Wear gloves.
Eye Protection:	Wear goggles
Skin Protection:	Wear suitable protection clothing

### 8. PHYSICAL & CHEMICAL PROPERTIES:

Appearance:	Clear Mobile Liquid.
Odour:	Medicated.
Colour:	Water White – Pale Yellow.
Solubility:	a. Solvent – Soluble b. Alcohol – Soluble c. Water – Insoluble
Boiling Point:	Not reported.
Flash Point:	51°C. C.O.C.
Specific Gravity:	20°C 0.902 – 0.918.
Vapour Pressure mm:	Not reported.

### 9. REACTIVITY & STABILITY:

The oil is stable under normal storage conditions. After opening, the oil is prone to air oxidation and may start to deteriorate after twelve months.

Synergistic Reaction:	Not reported.
Materials to avoid:	Oxidizing agents.
Polymerisation Hazard:	None.

### 10. TOXICOLOGICAL INFORMATION:

#### *Hazardous Effects*

Inhalation:	Hazardous.
Skin Contact:	Concentrated oil may cause skin degreasing with some irritation.
Eye Contact:	Irritant.
Ingestion:	Irritant.

(On heating the fumes are acrid.)

### 11. ECOLOGICAL DATA

This is a degradable product, however, do not release directly into the environment.

### 12. DISPOSAL METHODS:

Recover the product where possible or bury in authorised landfill sites according to local authority regulations.

### 13. TRANSPORT REGULATIONS:

Road:	ADR/RID: 3.2.
Rail:	IMDG 3.
Air:	I.A.T.A 3.
UN-No:	1169
Proper Shipping Name:	Extracts, Aromatic, Liquid
IMDG Class:	3
Packing Group	III_

### 14. REGULATORY INFORMATION:

Labels for Conveyance:	Xn. R10. (Flammable)
Labels for Supply:	Xn. R10. R65. S62.

### 15. FURTHER INFORMATION:

**Whilst Absolute Aromas Ltd give the above advice in good faith, it is not intended to be a substitute for customers own testing to ascertain good safety procedures.**

**These regulations were designed for handling bulk products and to readily identify Toxic & Safety Data.**

**Safety information is under continuous review.**