

**\*Ayanda African Oils abbreviated SDS for website (upon request the full SDS can be made available)**

**Safety Data Sheet Eucalyptus 80% Cineole**

**Description:** Eucalyptus (80% Cineole) oil is an essential oil obtained from steam distillation of the leaves of Eucalyptus smithii (F.Muell. ex R.T. Baker). This oil is then further rectified to take the 1.8 Cineole percentage to over 80%

Physical and Chemical properties	RANGE
Odour	Fresh, aromatic and characteristic of cineole
Appearance	Mobile liquid
Colour	Clear to pale yellow
Specific gravity at 20°C	0.906 to 0.920
Refractive index at 20°C	1.458 to 1.465
Optical rotation at 20°C	+2° to +10°
Flash point	+44 °C

**Ayanda African Oils (Pty) Ltd**  
 Vat Reg 4040281596  
 Reg No 2017/655786/07  
 Windermere Farm  
 PO Box 189, Gingindlovu, 3800  
 Phone: +27 35 3407008  
 mat@ayanda oils.com



Main Ingredients:	CAS-No	Percentage
Cineol 1,8 (Eucalyptol)	470-82-6	80 to 85%
Alpha pinene	80-56-8	1 to 10%
Limonene	5989-27-5	4 to 15%
Para Cymene	99-87-6	1 to 4%
Gamma Terpinene	99-85-4	Traces to 3%





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### Technical specifications:

NCS, Natural Complex Substance (100% pure and natural)

N° CAS TSCA            8000-48-4

N° CAS EINECS        91771-68-5

N° EINECS              294-962-0

INCI                      EUCALYPTUS LEAF OIL

### Hazards Identification



GHS07



GHS08



GHS09



GHS02

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### Transport information:

	Sea (IMDG)	Land (ADR)	Air (IATA)
Proper shipping name	Extracts, Liquid	Extracts, Liquid	Extracts, Liquid
Hazardous class	3	3	3
UN/ID No	1197	1197	1197
Packing group	III	III	III

Customs rate code            3301 29 49

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## Handling and Storage

### **Precautions for safe handling**

Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.

Keep away from sources of ignition - No smoking. Take measures to prevent the build up of electrostatic charge. Handle in accordance with good industrial hygiene and safety practise.

### **Conditions for safe storage, including any incompatibilities.**

Store in cool place, keep container tightly closed in a dry and well-ventilated place. Store away from direct sunlight. Store in stainless steel container, opaque glass container or Fluorinated HDPE container. Air and light sensitive.

Shelf life four years from date of production.

### Special indications:

Information about presence and concentration of fragrance ingredients subject to IFRA Standards in the fragrance mixture (Ayanda African Oils – Eucalyptus 80% Cineole) is as follows:

Present allergens:

Restricted Component	Cas No:	% Level in Product	IFRA Standard
Citral	5392-40-5	< 1%	Restriction Stds (QRA cat.)
Geraniol	106-24-1	< 0.5%	Restriction Stds (QRA cat.)
Limonene	5989-27-5	<15%	Specification Stds
Linalool	78-70-6	< 1%	Specification Stds
Alpha-Pinene	80-56-8	< 10%	
Beta-pinene	7785-70-8	< 1%	
Alpha-terpinene	99-86-5	< 1%	





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Terpinolene	586-62-9	< 1%	
Eucalyptus spp. Oils	97926-40-4	100%	
Geranyl acetate	105-87-3	< 0.5%	

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### First Aid measures

#### Description of First aid measures

##### General advice

Consult a physician. Show this safety data sheet to the doctor in attendance.

*Eye contact:* Wash eyes by normal first aid procedures for at least 15 minutes and consult a physician. If you wear contact lenses, rinse your eyes immediately. The lenses will probably fall out during rinsing. If not, remove them after rinsing. Do not put them back in. If you wear soft contact lenses, throw them away even if new. Hard contact lenses may be used again after proper cleaning by an eyecare professional.

*Skin contact:* Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.

*Ingestion:* Clean mouth with water, call a POISON CENTRE or physician. If swallowed, do not induce vomiting. If vomiting occurs spontaneously, keep head low down to prevent aspiration into the lungs.

*Inhalation:* Inhalation may cause coughing, tightness of chest and irritation of the respiratory system. Remove person to ventilated area and follow normal first aid procedures. Perform artificial respiration if breathing has stopped.

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## **Fire-fighting measures**

### **Extinguishing media**

*Suitable extinguishing media:* Use alcohol-resistant foam, dry chemical or carbon dioxide. Do not use direct injection of water.

### **Special hazards arising from the substances or mixtures.**

Possible production of toxic fumes under fire.

### **Unusual fire and Explosion Hazards**

None, material is not pyrophoric, does not react with water, not an oxygen donor, material is shock stable.

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### **Advice for fire-fighters**

Cool container exposed to the flame with water fog. Fire fighters should wear positive pressure self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes. Do not attempt to fight the fire with water, which tends to feed rather than smother the flames.

## **Accidental release measures**

### **Personal precautions, protective equipment and emergency procedures**

Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.





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## **Environmental precautions**

Prevent further leakage or spillage if safe to do so. Do not let product enter drains, water courses or onto the ground.

## **Methods and materials for containment and cleaning up**

Small spills can be wiped up with paper rags (placed in closed metal waste container). Large spill: contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations. Large spills can also be collected with non-combustible absorbent material (e.g. sand, earth, diatomaceous earth, vermiculite) and placed in metal container for disposal according to local/National regulations.

Contact: Mathias Wessels

This sheet has been updated on the 17 October 2023

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