

## Technical data sheet– Eucalyptus 80% Cineole, Organic

**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).

| Physical and Chemical properties | RANGE                           |
|----------------------------------|---------------------------------|
| Odour                            | Characteristic, note of cineole |
| Appearance                       | Mobile liquid                   |
| Colour                           | CLEAR COLOURLESS TO PALE YELLOW |
| Specific gravity at 20°C         | 0.900 to 0.920                  |
| Refractive index at 20°C         | 1.450 to 1.470                  |
| Optical rotation at 20°C         | +0° to +15°                     |
| Flash point                      | +44 °C                          |

### Main Ingredients:

Cineole 1.8 (Eucalyptol) (80-84%)

Alpha Pinene (<=10%)

D-Limonene(4-15%)

Para Cymene (1-4%)

Gamma Terpinene (traces to 3%)



## 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           |
| N° FEMA       | -                   |
| N° FDA        | -                   |
| N° CoE:       | -                   |
| FCC:          | -                   |
| RIFM:         | -                   |
| FMA:          | -                   |
| AFNOR:        | -                   |
| INCI          | EUCALYPTUS LEAF OIL |

## Regulation information:

Hazards identification:

Xn  Harmful

N  Dangerous for environment

Ayanda African Oils (Pty)  
Reg No: 2017/655786/07  
VAT no: 4040281596  
Tel. Number: +27 +35 3407008



R10 Flammable

R43 May cause sensitisation by skin contact

R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

R65 Harmful: may cause lung damage if swallowed

S24 Avoid contact with skin

S37 Wear suitable gloves

S61 Avoid release to the environment. Refer to special instructions/safety data sheet

S62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label

**Substance classification CMR (carcinogenic, mutagenic, toxic to reproduction)**

Carcinogenicity: Not regulated

Mutagenicity: Not regulated

Toxic effects on the reproductive system: Not regulated

**CLP REGULATION - REGULATION (EC) N° 1272/2008**

HAZARDS IDENTIFICATION

HAZARD PICTOGRAM(S)





# Ayanda

AFRICAN OILS



GHS07



GHS08



GHS09



GHS02

## HAZARD STATEMENT(S)

H226 Flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H317 May cause an allergic skin reaction.

H411 Toxic to aquatic life with long lasting

## SIGNAL WORD

Danger

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**PRECAUTIONARY STATEMENT(S)**

- P210            Keep away from heat/sparks/open flames/hot surfaces. — No smoking
- P273            Avoid release to the environment.
- P280            Wear protective gloves/protective clothing/eye protection/face protection.
- P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor, physician.
- P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
- P501            Dispose of contents/the container in accordance with current legislation.

**Handling and storing**

Follow usual precaution of chemical ingredient handling. Store in a sealed container, in a dry, cool and aired area, protected from the light

Shelf life : 4 year(s) after shipping

**Transport information:**

Hazard Class 3, Packing group III, UN number 1169

Customs rate code            3301 29 41 00





**Special indications:**

The presence of the following allergen substances in a finished product must be indicated by way of labelling if their respective concentration exceeds 100 ppm in a rinsed product and 10 ppm in a product not rinsed. (7th amendment of Cosmetic Directive European 2003/15/EC)

Present allergens D-Limonene (<= 15,00%)

IFRA restrictions      This substance and/or some of its components are covered by the Code of Practice of the IFRA in effect, available on the internet website [www.ifraorg.org](http://www.ifraorg.org)

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This sheet has been updated on the 18 October 2021

