

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

Safety Data Sheet Eucalyptus radiata oil

Description: Eucalyptus radiata oil is an essential oil obtained from steam distillation of the leaves of the plant, Eucalyptus radiata A.Cunn. ex DC. (Syn Eucalyptus australiana R.T.Baker & H.G.Sm).

Physical and Chemical properties	RANGE
Odour	Characteristic note of menthol, cineole and fresh
Appearance	Mobile liquid
Colour	clear to pale yellow
Specific gravity at 20°C	0,905 to 0,925 g/cm ³
Refractive index at 20°C	1.455 – 1.475
Optical rotation at 20°C	-5 ° to +10 °
Flash point	51 °C

Main Ingredients:	CAS-No	Percentage
Cineol 1,8 (Eucalyptol)	470-82-6	60 to 80%
D-limonene	5989-27-5	4 to 15%
Alpha terpineol	98-55-5	4 to 14%
Alpha Phellendrene	99-83-2	0.5 to 3%
Alpha Terpenyl Acetate	80-26-2	0.5 to 5%
Alpha Pinene	80-56-8	1 to 5%

Technical specifications:

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

EC-No: 295-995-3
 N° CAS EINECS: 92201-64-4
 N° CAS TSCA: 8000-48-4
 INCI: EUCALYPTUS RADIATA LEAF OIL

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

Ayanda African Oils (Pty)
 Reg No: 2017/655786/07
 VAT no: 4040281596
 Tel. Number: +27 +35 004 0004






Ayanda

AFRICAN OILS

Hazards Identification



GHS07



GHS08



GHS09



GHS02

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@ayandaoils.com

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

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.

Ayanda African Oils (Pty)
Reg No: 2017/655786/07
VAT no: 4040281596
Tel. Number: +27 +35 004 0004



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

Restricted Component	Cas No:	% Level in Product	IFRA Standard
Citral	5392-40-5	< 1%	Restriction Stds (QRA cat.)
Geraniol	106-24-1	<2%	Restriction Stds (QRA cat.)
Limonene	5989-27-5	<15%	Specification Stds
Linalool	78-70-6	< 1%	Specification Stds
Alpha-Pinene	80-56-8	< 5%	
Beta-pinene	7785-70-8	< 2%	
Alpha-terpinene	99-86-5	< 1%	
Terpinolene	586-62-9	< 1%	
Beta - Caryophyllene	87-44-5	< 0.5%	
Eucalyptus spp. Oils	97926-40-4	100%	
Geranyl acetate	105-87-3	< 0.5%	

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@ayandoils.com




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.

Notes to physician: Treat symptomatically.

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@ayandoils.com

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.

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.

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

