



Ayanda

AFRICAN OILS

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

Safety Data Sheet Niaouli oil

Description: Essential Oil obtained by steam distillation from twigs and leaves of Melaleuca quinquenervia (Cav.) S.T. Blake (Syn.: Melaleuca viridiflora Solander ex Gaertner)

Ayanda African Oils (Pty) Ltd

Vat Reg 4040281596

Reg No 2017/655786/07

Windermerre Farm

PO Box 189, Gingindlovu, 3800

Phone: +27 35 3407008

mat@ayanda oils.com

Physical and Chemical properties	RANGE
Odour	Aromatic, fresh and note of cineol
Appearance	Mobile liquid
Colour	Clear to light yellow
Specific gravity at 20°C	0,904 to 0,925
Refractive index at 20°C	1,463 to 1,472
Optical rotation at 20°C	-4 ° to +1 °
Flash point	53 °C

Main Ingredients:	CAS-No	Percentage
Cineol 1,8 (Eucalyptol)	470-82-6	50 to 65%
Alpha pinene	80-56-8	5 to 10%
Limonene	5989-27-5	6 to 10%
Viridiflorol	552-02-3	2.5 to 7%
Alpha terpineol	98-55-5	8 to 11%
Beta Caryophyllene	87-44-5	1 to 3%

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Technical specifications:

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

N° CAS TSCA 8014-68-4

N° CAS EINECS 132940-73-9

N° EINECS 310-217-5

INCI Melaleuca quinquenervia oil (Syn.: Melaleuca viridiflora leaf oil)

Hazards Identification



GHS07



GHS08



GHS09



GHS02



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 11

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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. Ensure adequate ventilation of the working area.

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 and protect from freezing. Store in stainless steel container, opaque glass container or Fluorinated HDPE container, avoid PVC containers. Air and light sensitive.

Shelf life four years from date of production.

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
Geraniol	106-24-1	<0.5%	Restriction Stds (QRA cat.)
Limonene	5989-27-5	<10%	Specification Stds
Linalool	78-70-6	< 2%	Specification Stds
Alpha-Pinene	80-56-8	< 10%	
Beta-pinene	7785-70-8	< 5%	





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Alpha-terpinene	99-86-5	< 1%	
Terpinolene	586-62-9	< 1%	
Beta – Caryophyllene	87-44-5	< 3%	

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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. Remove affected person from source of contamination.

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: Rinse the mouth out with water. Remove victim to fresh air. Keep them warm and allow them to rest quietly. Do not induce vomiting unless otherwise directed by a medical professional. If vomiting occurs spontaneously, keep head low down to prevent aspiration into the lungs. If harmful effects persist or worsen, call a doctor. If patient is unconscious, place them in the lateral recovery position and call a doctor immediately. Make sure the area is well ventilated.

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.

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Fire-fighting measures

Extinguishing media

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

Special hazards arising from the substances or mixtures: In case of fire, the product may produce carbon monoxide and carbon dioxide.

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.

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. Dispose of any contaminated cloths, sponges, etc. in accordance with the regulatory instructions in force.

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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