



AFRICAN OILS

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

Safety Data Sheet Rose Geranium oil

Description: The volatile oil obtained by the steam distillation of the flowering tops of Rose geranium (*Pelargonium graveolens* L.)

Physical and Chemical properties	RANGE
Odour	Note of rose, fruity
Colour	Clear green to dark green
Appearance	Mobile liquid
Specific gravity at 20°C	0,883 to 0,905
Refractive index at 20°C	1,461 to 1,477
Optical rotation at 20°C	-18 ° to -8 °
Flash point	+64 °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@ayandoils.com

Main Ingredients:	CAS-No	Percentage
Citronellol	106-22-9	18,00 to 32,00%
Geraniol	106-24-1	7,00 to 21,00%
Formate de Citronellyle	105-85-1	9,00 to 20,00%
Formate de Géranyle	105-86-2	4,00 to 10%
Guaia-6-9-diène	37839-64-8	5,00 to 10,00%
Iso-menthone	491-07-6	5,00 to 10,00%
Beta caryophyllene	87-44-5	1,00 to 3,00%

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Technical specifications:

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

N° CAS TSCA 8000-46-2

N° CAS EINECS 90082-51-2

N° EINECS 290-140-0

N° FEMA 2508

N° FDA 182.20

N° CoE: 324n

AFNOR: NF T 75-212

INCI PELARGONIUM GRAVEOLENS OIL

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Hazards Identification



GHS07

GHS08

GHS09

GHS05

Transport information:

	Sea (IMDG)	Land (ADR)	Air (IATA)
Proper shipping name	Environmentally Hazardous Substance, Liquid, N.O.S.	Environmentally Hazardous Substance, Liquid, N.O.S.	Environmentally Hazardous Substance, Liquid, N.O.S.
Hazardous class	9	9	9
UN/ID No	3082	3082	3082
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. Ensure adequate ventilation. If the ventilation system is inadequate, wear an appropriate respiratory protection device. 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:

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	< 2.5%	Restriction Stds (QRA cat.)
Limonene	5989-27-5	< 0.5%	Specification Stds
Linalool	78-70-6	< 5%	Specification Stds
Citronellol	106-22-9	< 32%	Restriction Stds (QRA cat.)

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Geraniol	106-24-1	< 21%	Restriction Stds (QRA cat.)
Alpha-pinene	80-56-8	< 1%	
Beta-pinene	7785-70-8	< 1%	
Terpinolene	586-62-9	< 0.5%	
Beta – Caryophyllene	87-44-5	< 3%	
Geranium Oils	8000-46-2	100%	
Geranyl acetate	105-87-3	< 1%	

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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 irritation persists or if skin lesions of any kind appear, consult an eye specialist, taking the product with you. 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. In all cases, do not wear contact lenses after the accident without the advice of an eye specialist.

Skin contact: Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If irritation persists or if skin lesions of any kind appear, seek medical advice.

Ingestion: Clean mouth with water, call a POISON CENTRE or physician. If swallowed, do not induce vomiting.

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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.

Fire-fighting measures

Extinguishing media

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

Special hazards arising from the substances or mixtures

Forms carbon monoxide and/or dioxide upon burning. 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. Essential oils have the ability to float on water and this causes the fire to propagate more quickly. To put out an essential oil-based fire in its early stages, use a specific ABC dry powder fire extinguisher (or equivalent). Small fires can be smothered by covering with earth, sand or a blanket.

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.

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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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