

Technical data sheet– Tea Tree Oil, Organic

REACH Registration: 01-2120743651-57-0034

Description:

Tea tree oil is an essential oil obtained from Steam distillation of the leaves of the plant, *Melaleuca alternifolia*.

Physical and Chemical properties	RANGE
Odour	Aromatic, woody and terpenic
Appearance	Mobile liquid
Colour	Colorless to greenish yellow
Specific gravity at 20°C	0,885 to 0,906
Refractive index at 20°C	1,475 to 1,482
Optical rotation at 20°C	+7 ° to +12 °
Flash point	55 °C

Main ingredients:

4-Terpinenol (35,00 to 48,00%)
 Gamma terpinene (14,00 to 28,00%)
 Cineol 1,8 (Eucalyptol) (<= 10,00%)
 Alpha terpinene (6,00 to 12,00%)
 Para cymene (0,50 to 8,00%)

Technical specifications:

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

N° CAS TSCA 68647-73-4
 N° CAS EINECS 85085-48-9
 N° EINECS 285-377-1
 N° FEMA 3902
 N° FDA -
 N° CoE: 275n
 FCC: -
 RIFM: -
 FMA: -
 AFNOR: NF ISO 4730

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





Ayanda

AFRICAN OILS

INCI

Melaleuca alternifolia oil

Regulation information:

Hazards identification:

Xn  Harmful

N  Dangerous for environment

R10 Flammable

R22 Harmful if swallowed

R38 Irritating to skin

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

R68/22 Harmful: possible risk of irreversible effects 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

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

HAZARDS IDENTIFICATION

HAZARD PICTOGRAM(S)



GHS07



GHS08



GHS09



GHS02

HAZARD STATEMENT(S)

H226 Flammable liquid and vapour.

H302 Harmful if swallowed.

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Cause serious eye irritation.

H411 Toxic to aquatic life with long lasting

SIGNAL WORD

Danger



Precautionary statements

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P273 - Avoid release to the environment

P270 - Do not eat, drink or smoke when using this product

P301 + P312 - IF SWALLOWED: Call a POISON centre or doctor/ physician if you feel unwell

P330 - Rinse mouth

P264 - Wash face, hands and any exposed skin thoroughly after handling

P332 + P313 - If skin irritation occurs: Get medical advice/ attention

P362 - Take off contaminated clothing and wash before reuse

P261 - Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray

P272 - Contaminated work clothing should not be allowed out of the workplace

P280 - Wear protective gloves/ protective clothing/ eye protection/ face protection

P302 + P352 - IF ON SKIN: Wash with plenty of soap and water

P333 + P313 - If skin irritation or rash occurs: Get medical advice/ attention

P321 - Specific treatment (see supplemental first aid instructions on this label)

P363 - Wash contaminated clothing before reuse

P273 - Avoid release to the environment

P301 + P310 - IF SWALLOWED: Immediately call a POISON centre or doctor/ physician

P331 - Do NOT induce vomiting

P405 - Store locked up

P391 – Collect spillage

P501 - Dispose of contents/ container to an approved waste disposal plant

P305+P351+P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

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 49





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 (0,50 to 1,50%), Linalool (\leq 1,00%)

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

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This sheet has been updated on the 20 May 2022

