

DATA SHEET

TEA TREE SAF ORGANIC OIL GMP

Melaleuca alternifolia (Maiden & Betche) Cheel (Syn : Melaleuca linariifolia var. alternifolia Maiden & Betche)

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Version 04.52

Organic product certified by FR-BIO-01

PROCESSING METHOD

Essential Oil obtained by steam distillation from leaves and terminal stems of *Melaleuca alternifolia* (Maiden & Betche) Cheel (Syn : *Melaleuca linariifolia* var. *alternifolia* Maiden & Betche)

PHYSICAL PROPERTIES

Odour : **Aromatic, woody and terpenic**
 Appearance : **Limpid mobile liquid**
 Color : **Colorless to greenish yellow**

CHEMICAL PROPERTIES

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 : **+5,0 ° to +15,0 °**
 Flash point : **+54 °C**
 Acid value : **N.A.**
 Peroxide value : **N.A.**

MAIN INGREDIENTS

4-Terpinenol (30,00 to 48,00%)
Gamma terpinene (10,00 to 28,00%)
Cineol 1,8 (Eucalyptol) (<= 15,00%)
Alpha terpinene (5,00 to 13,00%)
Para cymene (0,50 to 12,00%)
Alpha terpineol (1,50 to 8,00%)
Aromadendrene (<= 7,00%)
Alpha pinene (1,00 to 6,00%)
Terpinolene (1,50 to 5,00%)
D-Limonene (0,50 to 4,00%)
Sabinene (<= 3,50%)

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 : **X**
 FMA : **X**

AFNOR : NF ISO 4730
INCI : MELALEUCA ALTERNIFOLIA LEAF OIL
Country of harvest : SOUTH AFRICA
Country of manufacturing : SOUTH AFRICA

HANDLING, STORING AND SHELF LIFE

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 : 18 months from the date of manufacture

TRANSPORT INFORMATION

Hazard Class 3, Packing group III, UN n°1169

Customs rate code : 3301 29 41

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. (Annex III of Regulation (EC) N°1223/2009 of 30 november 2009 on cosmetic products)

Present allergens : **D-Limonene (0,50 to 4,00%), Linalool (<= 1,00%)**

- IFRA restrictions : **Not regulated**

Comment : Regarding the number of significant figures of the specifications , it is useful to refer to both, COA of the batch and pharmacopoeia rules.

Contact **M. DENAT Jean-François**

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