

Essential oil Tea Tree BIO

Melaleuca alternifolia - Südafrika

Organic product certified by COSMOS

PROCESSING METHOD

Essential Oil obtained by steam distillation from the leaves 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%)

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



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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.

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

Maitreya Natura GmbH Srl

Vilpianerstraße 30 Via Vilpiano | 39010 Nals Nalles

Tel. +39 0471677733 | Fax +39 0471678128 | www.maitreya-natura.com | info@maitreya-natura.com

MwSt. Nr. / P.I. 02932590215