

PROCESSING METHOD

Essential Oil obtained by steam distillation from twigs and leaves of *Melaleuca quinquenervia* (Cav.) S.T.Blake (Syn: *Melaleuca viridiflora* var. *rubriflora* Pancher ex Brongn. & Gris)

PHYSICAL PROPERTIES

Odour:	Aromatic, fresh and note of cineol
Apperance:	Limpid mobile liquid
Color:	Colorless to pale yellow

CHEMICAL PROPERTIES

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	-4,0 ° to +1,0 °
Flash point	+50 °C
Acid value	N.A.
Peroxide value	N.A.

MAIN INGREDIENTS

Cineol 1,8 (Eucalyptol) (45,00 to 65,00%)
Alpha pinene (5,00 to 15,00%)
D-Limonene (5,00 to 10,00%)
Viridiflorol (1,70 to 9,00%)
Alpha terpineol (3,00 to 8,00%)

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
N° FEMA	-
N° FDA	-
N° CoE	-
FCC	-
RIFM	-
FMA	-
AFNOR	-
INCI	MELALEUCA QUINQUENERVIA OIL (Syn : MELALEUCA VIRIDIFLORA LEAF OIL)
Country of harvest	MADAGASCAR



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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 (5,00 to 10,00%), Linalool (0,10 to 1,00%), Geraniol (0,01 to 1,00%), Eugenol (\leq 0,50%)

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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