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DATA SHEET

NIAOULI MADAGACAR ORG OIL FFL

Melaleuca quinquenervia (Cav.) S. T. Blake (Syn: Melaleuca viridiflora var. rubriflora Pancher ex Brongn. & Gris)

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TDS B680F

Version 04.51

Organic product certified by FR-BIO-01

Fair Trade certified according to the Fair for Life standard available at www.fairforlife.org

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**
Appearance : **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**
Country of manufacturing : **MADAGASCAR**

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 : 36 months from the date of manufacture

TRANSPORT INFORMATION

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

Customs rate code : **3301 29 11**

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 (<= 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**

Contact **M. DENAT Jean-François**

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