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## DATA SHEET

## NIAOULI MADAGACAR ORGANIC OIL

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

Number of pages : 2  
Created on : 02/11/2003  
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TDS N680

Version 04.50

Organic product certified by FR-BIO-01  
USDA NOP certified by ECOCERT SA

## 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

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**HANDLING, STORING AND SHELF LIFE**

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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**

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**TRANSPORT INFORMATION**

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

Customs rate code : **33012911**

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**SPECIAL INDICATIONS**

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- 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](http://www.ifraorg.org)**

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Contact **M. DENAT Jean-François**

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