

DATA SHEET

**BLACK PEPPER MADA ORGANIC
OIL**
Piper nigrum L.
 Number of pages : 2
 Created on : 02/11/2003
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TDS B775F

Version 04.50

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 the dry berries of Piper nigrum L.

PHYSICAL PROPERTIES
 Odour : **Fresh, woody and spicy**
 Appearance : **Limpid mobile liquid**
 Color : **Colorless to bluish green**
CHEMICAL PROPERTIES
 Specific gravity at 20°C : **0,860 to 0,900**
 Refractive index at 20°C : **1,480 to 1,492**
 Optical rotation at 20°C : **-17,0 ° to +11,0 °**
 Flash point : **+43 °C**
 Acid value : **N.A.**
 Peroxide value : **< 20 mmoles/L**
MAIN INGREDIENTS
Beta caryophyllene (8,00 to 28,00%)
D-Limonene (14,00 to 23,00%)
Alpha pinene (5,00 to 19,00%)
Beta pinene (8,00 to 18,00%)
Delta 3 carene (7,00 to 16,00%)
TECHNICAL SPECIFICATIONS**NCS, Natural Complex Substance (100% pure and natural)**
 N°CAS TSCA : **8006-82-4**
 N°CAS EINECS : **84929-41-9**
 N°EINECS : **284-524-7**
 N°FEMA : **2845**
 N°FDA : **182.20**
 N°CoE: : **347n**
 FCC : **X**
 RIFM : **X**
 FMA : **X**
 AFNOR : **NF T 75-216**
 INCI : **PIPER NIGRUM FRUIT 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 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 (14,00 to 23,00%), Linalool (<= 1,00%)**

- 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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