

## DATA SHEET

**BERGAMOT BERGAPTE-FREE  
 ORG OIL**
*Citrus bergamia Risso et Poiteau*

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 Created on : 02/11/2003  
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**TDS B123**

Version 04.50

Organic product certified by FR-BIO-01

**PROCESSING METHOD**

Rectified essential oil obtained by expression without heating from the peel of Citrus bergamia Risso et Poiteau

**PHYSICAL PROPERTIES**

Odour : **Characteristic, pleasant, fresh , reminding that of the fresh bergamot pericarp**

Appearance : **Limpid mobile liquid. The presence of a deposit is a natural phenomenon that may appear after storage.**

Color : **Colorless to dark green**

**CHEMICAL PROPERTIES**

Specific gravity at 20°C : **0,860 to 0,884**

Refractive index at 20°C : **1,460 to 1,472**

Optical rotation at 20°C : **+14,0 ° to +45,0 °**

Flash point : **+59 °C**

Acid value : **N.A.**

Peroxide value : **< 20 mmoles/L**

**MAIN INGREDIENTS**

**D-Limonene (34,00 to 52,00%)**  
**Linalyl acetate (20,00 to 34,00%)**  
**Linalool (3,00 to 16,00%)**

**TECHNICAL SPECIFICATIONS**
**NCS, Natural Complex Substance (100% pure and natural)**

N°CAS TSCA : **8007-75-8**

N°CAS EINECS : **89957-91-5**

N°EINECS : **289-612-9**

N°FEMA : **2153**

N°FDA : **182.20**

N°CoE: : **137n**

FCC : **X**

RIFM : **X**

FMA : **X**

AFNOR : **NF ISO 3520**

INCI : **CITRUS BERGAMIA PEEL OIL EXPRESSED**

Country of harvest : **ITALY**

Country of manufacturing : **ITALY**

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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 : **3301 19 20**

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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 (34,00 to 52,00%), Linalool (3,00 to 16,00%), Citral (Geranial + Neral) (<= 1,00%), Geraniol (<= 0,20%)**

- 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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