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## DATA SHEET

## HELICHRYSUM I ITALY ORG OIL

*Helichrysum italicum G. Don (Syn : Helichrysum angustifolium (Lam.) DC.)*

Number of pages : 2  
Created on : 02/11/2003  
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TDS B492

Version 04.50

Organic product certified by FR-BIO-01

## PROCESSING METHOD

Essential Oil obtained by steam distillation from the flowering top of *Helichrysum italicum G. Don (Syn : Helichrysum angustifolium (Lam.) DC.)*

## PHYSICAL PROPERTIES

Odour : Fresh, aromatic, spiced, more or less terpenic according to the area of origin and the cultivated or wild  
Appearance : Limpid mobile liquid  
Color : Very pale green yellow to orange or green according to the nature of the still and the floral stag

## CHEMICAL PROPERTIES

Specific gravity at 20°C : 0,880 to 0,920  
Refractive index at 20°C : 1,460 to 1,475  
Optical rotation at 20°C : -20,0 ° to +10,0 °  
Flash point : +53 °C  
Acid value : N.A.  
Peroxide value : N.A.

## MAIN INGREDIENTS

Neryl acetate (3,00 to 42,00%)  
Gamma curcumene (4,00 to 20,00%)  
Alpha pinene (<= 20,00%)  
Italidiones (1,00 to 15,00%)

## TECHNICAL SPECIFICATIONS

## NCS, Natural Complex Substance (100% pure and natural)

N°CAS TSCA : 8023-95-8  
N°CAS EINECS : 90045-56-0  
N°EINECS : 289-918-2  
N°FEMA : -  
N°FDA : -  
N°CoE: : 225n  
FCC : -  
RIFM : -  
FMA : -  
AFNOR : -  
INCI : HELICHRYSUM ITALICUM FLOWER OIL (Syn : HELICHRYSUM ANGUSTIFOLIUM FLOWER OIL)  
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 29 41**

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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%), Linalool (<= 3,00%), Benzyl cinnamate (<= 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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Contact : **M. DENAT Jean-François**

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