

## DATA SHEET

## CARDAMOM SEED ORGANIC OIL

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**TDS B232**

Version 04.50

*Elettaria cardamomum (L.) Maton (Syn : Elettaria cardamomum var. minuscula Burkill)*

Organic product certified by FR-BIO-01

**PROCESSING METHOD**
 Essential Oil obtained by steam distillation from the seeds of *Elettaria cardamomum (L.) Maton (Syn : Elettaria cardamomum var. minuscula Burkill)*
**PHYSICAL PROPERTIES**
 Odour : **Rising, note of cineol and spicy**  
 Appearance : **Limpid mobile liquid**  
 Color : **Colorless to pale yellow**
**CHEMICAL PROPERTIES**
 Specific gravity at 20°C : **0,920 to 0,940**  
 Refractive index at 20°C : **1,460 to 1,467**  
 Optical rotation at 20°C : **+24,0 ° to +39,0 °**  
 Flash point : **+58 °C**  
 Acid value : **N.A.**  
 Peroxide value : **N.A.**
**MAIN INGREDIENTS**
 Terpinyl acetate (30,00 to 45,00%)  
 Cineol 1,8 (Eucalyptol) (25,00 to 37,00%)  
 Linalool (<= 8,00%)
**TECHNICAL SPECIFICATIONS****NCS, Natural Complex Substance (100% pure and natural)**
 N°CAS TSCA : **8000-66-6**  
 N°CAS EINECS : **85940-32-5 ; 96507-91-4**  
 N°EINECS : **288-922-1 ; 306-171-0**  
 N°FEMA : **2241**  
 N°FDA : **182.20**  
 N°CoE: : **180n**  
 FCC : **X**  
 RIFM : **X**  
 FMA : **-**  
 AFNOR : **NF T 75-341**  
 INCI : **ELETTARIA CARDAMOMUM SEED OIL (Syn : ELETTARIA CARDAMOMUM MINISCULA SEED OIL)**  
 Country of harvest : **GUATEMALA**  
 Country of manufacturing : **GUATEMALA**

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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 : **Linalool (<= 8,00%), D-Limonene (<= 4,00%), Geraniol (<= 2,00%), Citral (Geranial + Neral) (<= 2,00%)**

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

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