

## DATA SHEET

## ELEMI RESIN OIL

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**TDS 350**

Version 04.51

*Canarium luzonicum (Blume) A.Gray (Syn : Canarium commune L.)*

## PROCESSING METHOD

Essential Oil obtained by steam distillation from the gum of *Canarium luzonicum (Blume) A.Gray (Syn : Canarium commune L.)*

## PHYSICAL PROPERTIES

 Odour : **Fresh, peeled and spicy**  
 Appearance : **Liquid**  
 Color : **Colorless to orange**

## CHEMICAL PROPERTIES

 Specific gravity at 20°C : **0,850 to 0,880**  
 Refractive index at 20°C : **1,472 to 1,490**  
 Optical rotation at 20°C : **+45,0 ° to +85,0 °**  
 Flash point : **+53 °C**  
 Acid value : **N.A.**  
 Peroxide value : **< 20 mmoles/L**

## MAIN INGREDIENTS

 D-Limonene (48,00 to 66,00%)  
 Alpha phellandrene (8,00 to 20,00%)  
 Elemol (5,00 to 20,00%)  
 Elemicine (2,00 to 7,00%)  
 Sabinene (2,00 to 7,00%)

## TECHNICAL SPECIFICATIONS

**NCS, Natural Complex Substance (100% pure and natural)**
 N°CAS TSCA : **8023-89-0**  
 N°CAS EINECS : **97675-63-3**  
 N°EINECS : **307-636-0**  
 N°FEMA : **2408**  
 N°FDA : **172.510**  
 N°CoE: : **104n**  
 FCC : **-**  
 RIFM : **X**  
 FMA : **-**  
 AFNOR : **NF ISO 10624**  
 INCI : **CANARIUM LUZONICUM GUM OIL (Syn : CANARIUM COMMUNE GUM OIL)**  
 Country of harvest : **PHILIPPINES**  
 Country of manufacturing : **FRANCE**

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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 49**

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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 (48,00 to 66,00%)**

- 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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