

DATA SHEET

PINE DOUGLAS NEEDLE ORG OIL

Pseudotsuga menziesii (Mirb.) Franco
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TDS B755

Version 04.51

Organic product certified by FR-BIO-01

PROCESSING METHOD

Essential Oil obtained by steam distillation from the needles of : *Pseudotsuga menziesii* (Mirb.) Franco

PHYSICAL PROPERTIES

 Odour : **Fruity, fresh**
 Appearance : **Liquid**
 Color : **Pale yellow to pale green**

CHEMICAL PROPERTIES

 Specific gravity at 20°C : **0,860 to 0,869**
 Refractive index at 20°C : **1,470 to 1,480**
 Optical rotation at 20°C : **-30,0 ° to -4,0 °**
 Flash point : **+38 °C**
 Acid value : **N.A.**
 Peroxide value : **< 10 mmoles/L**

MAIN INGREDIENTS

 Alpha pinene (10,00 to 28,00%)
 Beta pinene (20,00 to 28,00%)
 Sabinene (7,00 to 20,00%)
 Terpinolene (8,00 to 15,00%)
 Delta 3 carene (7,00 to 14,00%)

TECHNICAL SPECIFICATIONS

NCS, Natural Complex Substance (100% pure and natural)
 N°CAS TSCA : **8050-89-3**
 N°CAS EINECS : **91771-64-1 ; 97926-19-7**
 N°EINECS : **294-957-3 ; 308-234-8**
 N°FEMA : -
 N°FDA : -
 N°CoE: : -
 FCC : -
 RIFM : **X**
 FMA : -
 AFNOR : -
 INCI : **PSEUDOTSUGA MENZIESII BRANCH/LEAF OIL**
 Country of harvest : **FRANCE**
 Country of manufacturing : **FRANCE**

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 49**

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 (<= 4,00%), Citronellol (<= 2,00%), Geraniol (<= 0,50%), Linalool (<= 0,50%)**
- 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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