

## DATA SHEET

## PINE MOUNTAIN NEEDLE ORG OIL

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**TDS B762**

Version 04.51

*Pinus mugo Turra (Syn : Pinus pumilio Haenke)*

Organic product certified by FR-BIO-01

**PROCESSING METHOD**Essential Oil obtained by steam distillation from the needles of *Pinus mugo Turra* (Syn : *Pinus pumilio Haenke*)**PHYSICAL PROPERTIES**
 Odour : **Typical of pine needles**  
 Appearance : **Liquid**  
 Color : **Pale yellow**
**CHEMICAL PROPERTIES**
 Specific gravity at 20°C : **0,853 to 0,875**  
 Refractive index at 20°C : **1,470 to 1,485**  
 Optical rotation at 20°C : **-15,0 ° to -4,0 °**  
 Flash point : **+45 °C**  
 Acid value : **N.A.**  
 Peroxide value : **< 10 mmoles/L**
**MAIN INGREDIENTS**
 Delta 3 carene (12,00 to 26,00%)  
 Alpha pinene (13,00 to 22,00%)  
 Beta phellandrene (10,00 to 19,00%)  
 Beta pinene (3,00 to 14,00%)  
 D-Limonene (6,00 to 14,00%)  
 Myrcene (3,00 to 13,00%)
**TECHNICAL SPECIFICATIONS****NCS, Natural Complex Substance (100% pure and natural)**
 N°CAS TSCA : **8000-26-8**  
 N°CAS EINECS : **90082-73-8 ; 90082-72-7 ; 97676-05-6**  
 N°EINECS : **290-164-1 ; 290-163-6 ; 307-681-6**  
 N°FEMA : **2904**  
 N°FDA : **172.510**  
 N°CoE: : **339n**  
 FCC : **X**  
 RIFM : **X**  
 FMA : **X**  
 AFNOR : **-**  
 INCI : **PINUS PUMILIO BRANCH/LEAF OIL (Syn : PINUS MUGO LEAF OIL)**  
 Country of harvest : **AUSTRIA**  
 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°1272**

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 (6,00 to 14,00%)**

- 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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