

DATA SHEET

PINE SYLV NEEDLE BU ORG OIL

Pinus sylvestris L.
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TDS B766

Version 04.51

Organic product certified by FR-BIO-01

PROCESSING METHOD

Essential Oil obtained by steam distillation from the needles of Pinus sylvestris L.

PHYSICAL PROPERTIES
 Odour : **Note of terpene, slightly lemony and rising**
 Appearance : **Liquid**
 Color : **Colorless to pale yellow**
CHEMICAL PROPERTIES
 Specific gravity at 20°C : **0,855 to 0,875**
 Refractive index at 20°C : **1,460 to 1,480**
 Optical rotation at 20°C : **-30,0 ° to -9,0 °**
 Flash point : **+40 °C**
 Acid value : **N.A.**
 Peroxide value : **< 10 mmoles/L**
MAIN INGREDIENTS
 Alpha pinene (37,00 to 53,00%)
 Beta pinene (15,00 to 41,00%)
 D-Limonene (<= 12,00%)
 Delta 3 carene (<= 7,00%)
 Myrcene (<= 7,00%)
TECHNICAL SPECIFICATIONS**NCS, Natural Complex Substance (100% pure and natural)**
 N°CAS TSCA : **8023-99-2**
 N°CAS EINECS : **84012-35-1**
 N°EINECS : **281-679-2**
 N°FEMA : **2906**
 N°FDA : **172.510**
 N°CoE: : **341n**
 FCC : **X**
 RIFM : **X**
 FMA : **X**
 AFNOR : **-**
 INCI : **PINUS SYLVESTRIS LEAF OIL**
 Country of harvest : **BULGARIA**
 Country of manufacturing : **BULGARIA**

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°1272

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 (<= 12,00%)**

- 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**

Contact **M. DENAT Jean-François**

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