

 Route de FA 11260 ESPERAZA France 33 (0).468.741.789 33 (0).468.741.579 info@golgemma.com	<b>DATA SHEET</b>  <b>PINE NEEDLE SIBERIAN OIL</b>  <i>Abies sibirica L.</i>	Number of pages : 2 Created on : 02/11/2003 Modified on : 18/06/2019 Last update : 22/07/2019
	<b>TDS 764</b> Version 04.50	

### PROCESSING METHOD

Essential Oil obtained by steam distillation from the needles of *Abies sibirica L.*

### PHYSICAL PROPERTIES

Odour : Resinous, sweet, balsamic  
Appearance : Liquid  
Color : Colorless to pale yellow

### CHEMICAL PROPERTIES

Specific gravity at 20°C : 0,899 to 0,910  
Refractive index at 20°C : 1,466 to 1,472  
Optical rotation at 20°C : -40,0 ° to -25,0 °  
Flash point : +42 °C  
Acid value : N.A.  
Peroxide value : < 10 mmoles/L

### MAIN INGREDIENTS

Bornyl acetate (23,00 to 30,00%)  
Camphene (20,00 to 25,00%)  
Alpha pinene (12,00 to 17,00%)  
Delta 3 carene (10,00 to 16,00%)

### TECHNICAL SPECIFICATIONS

#### NCS, Natural Complex Substance (100% pure and natural)

N°CAS TSCA : 8021-29-2  
N°CAS EINECS : 91697-89-1  
N°EINECS : 294-351-9  
N°FEMA : 2905  
N°FDA : 172.510  
N°CoE: : 5n  
FCC : -  
RIFM : X  
FMA : -  
AFNOR : -  
INCI : ABIES SIBIRICA OIL  
Country of harvest : AUSTRIA  
Country of manufacturing : AUSTRIA

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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 (2,00 to 6,00%)**
- 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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