

## TECHNICAL DATA SHEET

**DATE:** 26.02.2021  
**PRODUCT:** PINE SYLVESTRIS OIL  
**CODE:** 100179800

**CAS-EINECS** 84012-35-1  
**CAS N°** 8023-99-2  
**CHEMICAL IDENTIFICATION** Pine, Pinus sylvestris, oil  
**FEMA** 2906  
**INDEX NUM. / INVENTORY NUM.** -  
**EINECS / ELINCS** 281-679-2  
**BOTANICAL NAME** Pinus sylvestris, L.  
**FLASH POINT** 42°C  
**BOILING POINT** -  
**FORMULA** -  
**M.W.** -

### ORGANOLEPTIC PROPERTIES

**ASPECT** LIQUID  
**COLOR** PALE YELLOW - CLARE YELLOW  
**ODOUR** CAMPHORACEOUS, CONIFEROUS, FRESH

### CHEMICAL AND PHYSICAL PROPERTIES

	<b>MIN</b>	<b>MAX</b>
<b>DENSITY 20°C (g/cm3)</b>	0,855	0,900
<b>REFRACTIVE INDEX 20°C</b>	1,4650	1,4800
<b>OPTICAL ROTATION (°)</b>	-30,0	10,0
<b>ALPHA PINENE (%)</b>	32,00	60,00
<b>CAMPHENE (%)</b>	0,50	2,00
<b>BETA PINENE (%)</b>	5,00	22,00
<b>DELTA 3 CARENE (%)</b>	6,00	18,00
<b>MYRCENE (%)</b>	1,50	10,00
<b>LIMONENE (%)</b>	7,00	12,00
<b>PELLANDRENE BETA (%)</b>	0,00	2,50
<b>PARACIMENE (%)</b>	0,00	2,00
<b>TERPINOLENE (%)</b>	0,00	4,00
<b>BORNYL ACETATE (%)</b>	1,00	4,00
<b>CARYOPHYLLENE BETA (%)</b>	1,00	6,00

STORAGE CONDITIONS: It is recommended to store away from direct light in full sealed containers in a dry and well ventilated area.

TECHNICAL DATA UPDATE: Consult in our web page the technical data updates [www.lluche.com](http://www.lluche.com).

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