

TECHNICAL DATA SHEET

DATE: 18.11.2019
PRODUCT: PINE NEEDLE SIBERIA OIL
CODE: 100179600

CAS-EINECS 91697-89-1
CAS N° 8021-29-2
CHEMICAL IDENTIFICATION Fir, Abies sibirica, oil
FEMA 2905
INDEX NUM. / INVENTORY NUM. -
EINECS / ELINCS 294-351-9
BOTANICAL NAME Abies sibirica, Ledeb.
FLASH POINT 43°C
BOILING POINT 182°C
FORMULA -
M.W. -

ORGANOLEPTIC PROPERTIES

ASPECT LIQUID
COLOR COLORLESS - YELLOW
ODOUR BALSAMIC, FRESH, EARTHY

CHEMICAL AND PHYSICAL PROPERTIES

	MIN	MAX
DENSITY 20°C	0,890	0,925
REFRACTIVE INDEX 20°C	1,4600	1,4800
ACIDITY (mgKOH/g)		2,50
OPTICAL ROTATION (°)	-45,0	-32,0
PEROXIDE INDEX (mmol/l)		10,0
ALPHA PINENE (%)	10,00	20,00
CAMPHENE (%)	20,00	30,00
BETA PINENE (%)	1,50	4,00
DELTA 3 CARENE (%)	8,00	20,00
LIMONENE (%)	4,00	9,00
PELLANDRENE BETA (%)	1,50	5,00
BORNYL ACETATE (%)	23,00	30,00
BORNEOL (%)	1,00	4,00



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

INSCRITA EN EL R.M. DE BARCELONA, TOMO 32.692, FOLIO 10, HOJA B, Nº 213.904, INSCRIPCIÓN 1ª - C.I.F. B-62129267

TECHNICAL DATA UPDATE: Consult in our web page the technical data updates www.lluche.com.

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