

TECHNICAL DATA SHEET

Product Name	BLACK SPRUCE OIL
Botanical Name	Piceamariana
Product Code	PEO1021
CAS #	8008-80-8 ; 91722-19-9
FEMA #	3034
EINECS #	294-420-3

Part Used	Needles and Twigs
Extraction Method	Steam Distillation
Quality	100% Pure and Natural

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>
Appearance	Colorless to pale yellow liquid
Odour	Fresh, pine-like with balsamic top notes, and a slightly sweet undertone
Refractive Index	1.467 - 1.472 @ 20°C
Specific Gravity (g/mL)	0.900 - 0.920 @ 20°C
Optical Rotation (°)	-30° to -25°
Solubility	Soluble in alcohols and fixed oils; Insoluble in water

Comments	Odor quality is excellent
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STABILITY AND STORAGE:

Keep in tightly closed container in a cool and dry place, protected from sunlight. When stored for more than 24 months, quality should be checked before use.

As it is electronically generated document, hence no signature required.

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