

TECHNICAL DATA SHEET

Product Identification

Part Number :	10008-101
Description :	Black Spruce Essential Oil - ORGANIC
Part:	Twigs and Needles
Chemical Identification:	Spruce, Picea Mariana, oil
Botanical name:	Picea Mariana
Purity:	100% pure and natural
Country of Origin :	Canada
CAS Number:	8008-80-8, 91722-19-9



Certification



Organoleptic properties

Property	Specification
Aspect	Liquid
Color	Clear light yellow to greenish
Odor	Balsamic, Fruity, Green, Woody

Chemical and Physical properties

Property	Specification
Shelf life	4 years
Specific gravity	0.89-0.92
Refractive Index	1.460-1.500
Flash Point	48 °C

Main components

Component	CAS	Specification
α -pinene	80-56-8	18-24%
Camphene	79-92-5	13-23%
β -pinene	127-91-3	< 8.5%
Δ 3-Carene	13466-78-9	7-12%
Bornyl Acetate	76-49-3	18-25 %

Handling

See Safety Data Sheet (SDS) for handling conditions.