



NHR ORGANIC OILS  
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## *Product Specification*

# **Organic Black Spruce Essential Oil**

### *(Picea mariana)*

#### IDENTIFICATION

*Botanical name :* Picea mariana (Mill.) Britton, Sterns & Poggenb.  
*INCI name :* PICEA MARIANA LEAF OIL  
*Botanical family :* Pinaceae

#### TECHNICAL PROPERTIES

*Manufacturing process :* Steam distillation of needles and boughs  
*Quality :* 100% pure and natural  
*Main components :* Bornyl Acetate (15 to 35%), Camphene (10 to 25%), Alpha-pinene (10 to 25%), Delta-3-carene (2 to 15%), Limonene (< 10%), Beta-pinene (< 10%)

#### CONDITIONING - STORAGE

*Conservation :* Keep in tightly closed container in a cool and dry place, protected from light.  
Stable at usual storage and use conditions.

#### ORGANOLEPTIC PROPERTIES

*Texture :* Liquid  
*Color :* [Colourless ; Yellow]  
*Odor :* Fresh, resinous, balsamic

#### TECHNICAL DATA

*Angular rotation at 20°C (°) :* [-35 ; -25]  
*Ethanol solubility :* yes  
*Water solubility :* No  
*Relative density at 20°C :* [0.900 ; 0.920]  
*Refractive index at 20°C :* [1.465 ; 1.475]  
*Flash point (°C) :* [+35 ; +45]

#### REGULAR DATA

*REACH :* Exempted because importation < 1t / year / legal entity

## LEGISLATION :

EINECS : 294-420-3

C.A.S : 8008-80-8

## Labeling :



AH1 Aspiration hazard 1



ATO4 Acute toxicity oral 4



ED12 Serious eye damage / eye irritation 2



EHA1 Hazardous to the aquatic environment, acute hazard 1



EHC1 Hazardous to the aquatic environment, long-term hazard 1



FL3 Flammable Liquids 3



SC12 Skin corrosion / irritation 2



SS1 Sensitisation skin 1

H226 - Flammable liquid and vapour.

H302 - Harmful if swallowed.

H304 - May be fatal if swallowed and enters airways.

H315 - Causes skin irritation.

H317 - May cause an allergic skin reaction.

H319 - Causes serious eye irritation.

H400 - Very toxic to aquatic life.

H410 - Very toxic to aquatic life with long lasting effects.

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P273 - Avoid release to the environment.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER/doctor/...

P301+P312 - IF SWALLOWED: Call a POISON CENTER/doctor/... if you feel unwell.

P302+P352 - IF ON SKIN: Wash with plenty of water/...

P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P332+P313 - If skin irritation occurs: Get medical advice/attention.

P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.

P337+P313 - If eye irritation persists: Get medical advice/attention.

P362+P364 - Take off contaminated clothing and wash it before reuse.

P403+P235 - Store in a well-ventilated place. Keep cool.

P501 - Dispose of contents/container according to applicable legislations