



NHR ORGANIC OILS
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Product Specification

Organic Balsam Fir Essential Oil

(Abies balsamea)

Edited: 30/08/2023

IDENTIFICATION

Botanical name : Abies balsamea (L.) Miller
INCI name : ABIES BALSAMEA NEEDLE OIL
Botanical family : Pinaceae

TECHNICAL PROPERTIES

Manufacturing process : Steam distillation of the twigs and needles
Quality : 100% pure and natural
Main components : Beta-pinene (25 to 40%), Alpha-pinene (10 to 30%), Delta-3-carene (< 20%), Limonene (2 to 20%), Beta-phellandrene (2 to 20%), Bornyl Acetate (5 to 20%), Camphene (2 to 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.
BBD : Approx 4 years after the production date

ORGANOLEPTIC PROPERTIES

Texture : Liquid
Color : [Colourless ; Light yellow]
Odor : Fresh, woody, resinous

TECHNICAL DATA

Flash point (°C) : [+35 ; +50]
Angular rotation at 20°C (°) : [-35 ; -5]
Ethanol solubility : yes
Water solubility : No
Relative density at 20°C : [0.860 ; 0.885]
Refractive index at 20°C : [1.470 ; 1.480]

REGULAR DATA









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

LEGISLATION :

EINECS : 232-362-2

C.A.S : 8007-47-4 8024-15-5

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