



NHR ORGANIC OILS
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Product Specification

Organic Swiss Pine Needle Essential Oil

(Pinus cembra)

IDENTIFICATION

INCI name : PINUS CEMBRA LEAF/TWIG OIL
Botanical name : Pinus cembra L.
Botanical family : Pinaceae

TECHNICAL PROPERTIES

Manufacturing process : Steam distillation of needles and twigs
Quality: 100% pure and natural
Main components : Alpha-pinene (20 to 55%), Limonene (5 to 20%), Beta-pinene (5 to 15%)

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 : Mobile liquid
Colour : [Colourless ; Light yellow]
Odor : Characteristic

TECHNICAL DATA

Angular rotation at 20°C (°) : [-30 ; 0]
Relative density at 20°C : [0.855 ; 0.880]
Flash point (°C) : [+35 ; +45]
Water solubility : No
Ethanol solubility : yes
Refractive index at 20°C : [1.470 ; 1.480]

REGULAR DATA

REACH : Exempted because production < 1t / year / legal entit

LEGISLATION :

EINECS : 92209-04-5

C.A.S : /

Labeling :



AH1 Aspiration hazard 1



ATO4 Acute toxicity oral 4



EHA1 Hazardous to the aquatic environment, acute hazard 1



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

FL3 Flammable Liquids 3



REP2 Reproductive toxicity 2



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.

H361 - Suspected of damaging fertility or the unborn child <state specific effect if known> <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

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.

P242 - Use non-sparking tools.

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].

P308+P313 - IF exposed or concerned: Get medical advice/attention.

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

P333+P313 - If skin irritation or rash occurs: 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