



NHR ORGANIC OILS  
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## *Product Specification*

# **Organic Vitex Berry Essential Oil**

*(Vitex agnus-castus)*

### **GENERAL PROPERTIES**

*Used part:* Aerial parts  
*Organic certification:* ORGANIC = CERTIFIED ORGANIC PRODUCT  
*Manufacturing method:* By water-steam distillation of aerial parts  
*Country of origin :* Europe  
*INCI:* Vitex Agnus Castus Leaf Oil

### **ORGANOLEPTIC PROPERTIES**

*Appearance:* Limpid liquid  
*Colour:* Pale yellow to yellow-orange  
*Odour:* Characteristic

### **TECHNICAL DATA**

*Relative density (d<sub>20/20</sub>):* [0.870; 0.940]  
*Refractive index @20°C* [1.470; 1.495]  
*Angular rotation (°):* [-5.0; +5.0]  
*Flash point:* 50.0  
*Ethanol solubility:* yes

### **MAIN CONSTITUENTS IN %**

<i>alpha-Pinène :</i>	[10.0 ; 18.0]
<i>Sabinène :</i>	[10.0 ; 25.0]
<i>Myrcène :</i>	[0.0 ; 3.5]
<i>para-Cymène :</i>	[0.0 ; 2.5]
<i>Limonène :</i>	[1.0 ; 6.0]
<i>Cinéol 1,8 :</i>	[10.0 ; 25.0]
<i>gamma-Terpinène :</i>	[0.0 ; 2.0]
<i>Linalol :</i>	[0.0 ; 1.0]
<i>alpha-Thujone :</i>	[0.0 ; 2.5]
<i>beta-Thujone :</i>	[0.0 ; 0.6]
<i>Acétate d'alpha-terpényle :</i>	[2.0 ; 8.0]
<i>beta-Caryophyllène :</i>	[4.0 ; 12.0]
<i>Beta-Farnésène :</i>	[5.0 ; 20.0]
<i>Camphre :</i>	[0.0 ; 2.5]

## **PACKAGING - STORAGE**

*Storage conditions:* This product is best stored in its original packaging in a dry, well ventilated and controlled temperature area. Avoid exposure to direct sunlight.

### **Transport :**

*LAND TRANSPORT ADR/RID :* 1197 EXTRACTS, LIQUID, 3, III

*SEA TRANSPORT IMDG :* 1197 EXTRACTS, LIQUID, 3, III

*Marine pollutant :* Oui

*AIR TRANSPORT IATA :* 1197 EXTRACTS, LIQUID, 3, III

### **LEGISLATION :**

EINECS : 294-446-5

C.A.S. : 91722-47-3

### **Labeling :**



AH1 - Aspiration hazard 1

ATO4 - Acute toxicity oral 4

ED12 - Serious eye damage / eye irritation 2

ED12A - Serious eye damage / eye irritation 2A



EHA1 - Hazardous to the aquatic environment, acute hazard 1

EHC2 - Hazardous to the aquatic environment, long-term hazard 2

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.

H411 - Toxic to aquatic life with long lasting effects.

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

P233 - Keep container tightly closed.

P241 - Use explosion-proof electrical/ventilating/lighting/.../equipment.

P242 - Use only non-sparking tools.

P243 - Take precautionary measures against static discharge.

P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.