



NHR ORGANIC OILS  
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## *Product Specification*

# **Organic Sea Fennel Essential Oil**

*(Crithmum maritimum)*

### **IDENTIFICATION**

*Botanical name :* Crithmum maritimum L.  
*INCI name :* CRITHMUM MARITIMUM EXTRACT  
*Botanical family :* Apiaceae

### **TECHNICAL PROPERTIES**

*Manufacturing process :* Steam distillation of heads  
*Quality :* 100% pure and natural

#### Main components :

Gamma-terpinene (30 to 55%),  
Beta-phellandrene (10 to 25%),  
Dillapiol (2 to 25%),  
Para-cymene (2 to 25%),  
Methyl thymol ether (2 to 15%),  
Sabinene (< 15%),  
Alpha-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 :* Mobile liquid  
*Color :* [Colourless ; Pale yellow]  
*Odor :* Spicy, reminiscent of the smell of fennel

### **TECHNICAL DATA**

*Angular rotation at 20°C (°) :* [0 ; +20]  
*Ethanol solubility :* yes  
*Water solubility :* No  
*Relative density at 20°C :* [0.870 ; 0.960]  
*Refractive index at 20°C :* [1.470 ; 1.510]  
*Flash point (°C) :* [+40 ; +50]

## **REGULAR DATA**

REACH :

Exempted because production < 1t / year / legal entity

Endocrine disruptors :

On the basis of our knowledge, our analytical historic and in the limit of our GCL detection floor, no endocrine disruptors has been found in this product.

## **LEGISLATION :**

EINECS : 289-735-8

C.A.S : -

## **Labeling :**



AH1 Aspiration hazard 1

EHC2 Hazardous to the aquatic environment, long-term hazard 2 FL3  
Flammable Liquids 3



REP2 Reproductive toxicity 2 SCI2

Skin corrosion / irritation 2 SS1  
Sensitisation skin 1



H226 - Flammable liquid and vapour.

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>.

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.

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/...

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