



NHR ORGANIC OILS  
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## *Product Specification*

# **Organic Sea Fennel Essential Oil**

### *(Crithmum maritimum)*

Edited: 30/08/2023

#### **IDENTIFICATION**

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

#### **TECHNICAL PROPERTIES**

*Manufacturing process :* Steam distillation of the fruity heads  
*Quality :* 100% pure and natural  
*Main components :* Gamma-terpinene (< 55%), Para-cymene (< 25%), Dillapiol (< 25%), Alpha-pinene (< 15%), Methyl carvacrol ether (< 15%), Sabinene (< 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.  
*BBD :* Approx 4 years after the production date

#### **ORGANOLEPTIC PROPERTIES**

*Texture :* Mobile and clear liquid  
*Color :* [Colourless ; Pale yellow]  
*Odor :* Spicy, fennel like

#### **TECHNICAL DATA**

*Angular rotation at 20°C (°) :* [0 ; +25]  
*Ethanol solubility :* yes  
*Water solubility :* No  
*Relative density at 20°C :* [0.870 ; 0.920]  
*Refractive index at 20°C :* [1.470 ; 1.510]  
*Flash point (°C) :* [+40 ; +50]

#### **REGULAR DATA**

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

## **LEGISLATION :**

EINECS : 289-735-8

C.A.S : /

## **Labeling :**



AH1 Aspiration hazard 1

ATO4 Acute toxicity oral 4



ED12 Serious eye damage / eye irritation 2

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



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.

H319 - Causes serious eye irritation.

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/...

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.

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.

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