



NHR ORGANIC OILS
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Product Specification

Organic Sea Fennel Essential Oil

(Crithmum maritimum)

1 - IDENTIFICATION

Type of product : Organic Essential Oil
Botanical name : Crithmum maritimum L.
Part of plant : Flowering top
Country of harvest / gathering : FRANCE
Country of manufacturing : FRANCE
Process : Distillation
Natural content : 100,00 %

Preservative agent / Antioxidant / Preservative :

Designation	N° CAS	%
None	None	None

Carrier :

Designation	N° CAS	%
None	None	None

2 - PRODUCT CERTIFICATIONS

Kosher certification No :

Halal certification No :

Others : no

ORGANIC : Coming from organic farming, certified SA

3 - ORGANOLEPTIC AND ANALYTICAL DATA

Odour : Peeled, spicy and note of hay
Appearance : Limpid mobile liquid
Color : Colourless to light yellow
Specific gravity (D20/20) : 0,8700 / 0,9050
Refractive Index (ND20) : 1,4820 / 1,4920

Optical Rotation at 20 °C :	5,0000 / 20,0000 °
GC profile (area%) :	Conforms to standard
GC(area%) Phellandrene Beta :	10,00 / 26,00 %
GC(area%) Terpinene Gamma :	32,00 / 52,00 %
GC(area%) Paracymene :	3,00 / 22,00 %
GC(area%) Thymol MTH ether :	2,00 / 12,00 %
GC(area%) Dillapiole :	0 / 19,00 %

4 - REGULATION

INVENTORIES

N° CAS EINECS : 89997-98-8
N° EC : 289-735-8

Country inventories	Listed	Country inventories	Listed
TSCA Active	No	ISHL	No
EINECS	Yes	KECI	No
AIC	No	PICCS	No
DSL	No	NzLOC	Yes
nDSL	No	TCSI	Yes
IECSC	No		

FOOD

Food allergens (EC Regulation n° 1169/2011) : None

INVENTORIES :

N° FEMA : -
N° CoE : -
N° FDA : -

FRAGRANCE AND COSMETIC

INCI name (CosIng) : 100% CRITHMUM MARITIMUM EXTRACT
INCI name (PCPC) : 100% CRITHMUM MARITIMUM EXTRACT
INCI IECIC : Listed
INCI IECIC : CRITHMUM MARITIMUM EXTRACT

5 - PACKAGING, HANDLING, STORAGE AND SHELF LIFE

Store in the original closed container ambient temperature between 15 °C and 25 °C protected from air and light.

All our packaging are approved for food contact according to current European regulation.

06/03/2025