

## PROCESSING METHOD

Essential Oil obtained by steam distillation from the flowering top of *Thymus zygis* L.

## PHYSICAL PROPERTIES

Odour:	Rural, aromatic, strong and spicy
Apperance:	Liquid. At temperature lower than 20°C, risk of pre cipitation of the oil. Warm in a bain-marie at temperature lower than 30°C and homogenize.
Color:	Yellow to red brown

## CHEMICAL PROPERTIES

Specific gravity at 20°C	0,910 to 0,937
Refractive index at 20°C	1,490 to 1,505
Optical rotation at 20°C	-10,0 ° to +10,0 °
Flash point	+60 °C
Acid value	N.A.
Peroxide value	N.A.

## MAIN INGREDIENTS

Thymol (36,00 to 55,00%)
Para cymene (8,00 to 28,00%)
Gamma terpinene (6,00 to 16,00%)
Carvacrol (1,00 to 13,00%)
Linalool (2,00 to 7,00%)

## TECHNICAL SPECIFICATIONS

NCS, Natural Complex Substance (100% pure and natural)

N° CAS TSCA	8007-46-3
N° CAS EINECS	85085-75-2
N° EINECS	285-397-0
N° FEMA	-
N° FDA	182.20
N° CoE	457n
FCC	x
RIFM	x
FMA	x
AFNOR	NF T 75-349
INCI	THYMUS ZYGIS FLOWER OIL (Syn : THYMUS ZYGIS HERB OIL)
COUNTRY OF HARVEST	SPAIN



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## **HANDLING AND STORING**

Follow usual precaution of chemical ingredient handling. Store in a sealed container, in a dry, cool and aired area, protected from the light.

## **SPECIAL INDICATIONS**

The presence of the following allergen substances in a finished product must be indicated by way of labelling if their respective concentration exceeds 100 ppm in a rinsed product and 10 ppm in a product not rinsed. (Annex III of Regulation (EC) N°1223/2009 of 30 november 2009 on cosmetic products)

Present allergens:

Linalool (2,00 to 7,00%), D-Limonene ( $\leq$  2,00%), Geraniol ( $\leq$  0,50%)

IFRA restrictions:

This substance and/or some of its components are covered by the Code of Practice of the IFRA in effect, available on the internet website [www.ifraorg.org](http://www.ifraorg.org)

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