

PROCESSING METHOD

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

PHYSICAL PROPERTIES

| | |
|-------------|---|
| Odour: | Rural, aromatic, strong and spicy |
| Appearance: | Liquid. At temperature lower than 20°C, risk of precipitation 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 |



Maitreya Natura

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

Maitreya Natura GmbH Srl

Vilpianerstraße 30 Via Vilpiano | 39010 Nals Nalles

Tel. +39 0471677733 | Fax +39 0471678128 | www.maitreya-natura.com | info@maitreya-natura.com

MwSt. Nr. / P.I. 02932590215