

 Route de FA 11260 ESPERAZA France 33 (0).468.741.789 33 (0).468.741.579 info@golgemma.com	DATA SHEET CLOVE STEM MADA ORGANIC OIL	Number of pages : 2 Created on : 02/11/2003 Modified on : 18/06/2019 Last update : 15/07/2019
	<i>Syzygium aromaticum (L.) Merr. & L.M.Perry (Syn : Eugenia caryophyllus (Sprengel) Bullock et S. Harrison)</i>	TDS B481 Version 04.50

Organic product certified by FR-BIO-01

PROCESSING METHOD

Essential Oil obtained by steam distillation from the stems of : *Syzygium aromaticum (L.) Merr. & L.M.Perry (Syn : Eugenia caryophyllus (Sprengel) Bullock et S. Harrison)*

PHYSICAL PROPERTIES

Odour	: Spicy, typical of eugenol
Appearance	: More and less viscous liquid
Color	: Colorless to orange

CHEMICAL PROPERTIES

Specific gravity at 20°C	: 1,048 to 1,065
Refractive index at 20°C	: 1,530 to 1,542
Optical rotation at 20°C	: -4,0 ° to +2,0 °
Flash point	: +120 °C
Acid value	: N.A.
Peroxide value	: N.A.

MAIN INGREDIENTS

Eugenol (88,00 to 96,00%)
Beta caryophyllene (<= 8,00%)

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

N°CAS TSCA	: 8000-34-8
N°CAS EINECS	: 84961-50-2
N°EINECS	: 284-638-7
N°FEMA	: 2328
N°FDA	: 184.1257
N°CoE:	: 188n
FCC	: X
RIFM	: X
FMA	: X
AFNOR	: NF ISO 3143
INCI	: EUGENIA CARYOPHYLLUS STEM OIL
Country of harvest	: MADAGASCAR
Country of manufacturing	: MADAGASCAR

HANDLING, STORING AND SHELF LIFE

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

Shelf life : 36 months from the date of manufacture

TRANSPORT INFORMATION

Not regulated

Customs rate code : 3301 29 11

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 : **Eugenol (88,00 to 96,00%), Isoeugenol (<= 0,30%), Benzyl benzoate (<= 0,20%)**

- 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**
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Contact : **M. DENAT Jean-François**

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