

 Route de FA 11260 ESPERAZA France ☎ 33 (0).468.741.789 ☎ 33 (0).468.741.579 ✉ info@golgemma.com	DATA SHEET GERANIUM EGYPT OIL <i>Pelargonium graveolens L'Hér. (syn: Pelargonium X asperum Ehrhart ex Willdenow)</i>	Number of pages : 2 Created on : 02/11/2003 Modified on : 18/06/2019 Last update : 15/07/2019
	TDS 450 Version 04.50	

PROCESSING METHOD

Essential Oil obtained by steam distillation from the flowering top of *Pelargonium graveolens* L'Hér. (syn: *Pelargonium X asperum* Ehrhart ex Willdenow)

PHYSICAL PROPERTIES

Odour : **Note of rose, fruitly**
Appearance : **Mobile liquid**
Color : **Amber yellow to dark green**

CHEMICAL PROPERTIES

Specific gravity at 20°C : **0,883 to 0,905**
Refractive index at 20°C : **1,461 to 1,477**
Optical rotation at 20°C : **-14,0 ° to -5,0 °**
Flash point : **+64 °C**
Acid value : **N.A.**
Peroxide value : **N.A.**

MAIN INGREDIENTS

Citronellol (25,00 to 37,00%)
Geraniol (12,00 to 18,00%)
Isomenthone (3,00 to 11,00%)
Citronellyl formiate (2,00 to 9,00%)

TECHNICAL SPECIFICATIONS

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

N°CAS TSCA : **8000-46-2**
N°CAS EINECS : **90082-51-2**
N°EINECS : **290-140-0**
N°FEMA : **2508**
N°FDA : **182.20**
N°CoE: : **324n**
FCC : **X**
RIFM : **X**
FMA : **-**
AFNOR : **NF T 75-212**
INCI : **PELARGONIUM GRAVEOLENS OIL**
Country of harvest : **EGYPT**
Country of manufacturing : **EGYPT**

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

Hazard Class 9, Packing group III, UN n°3082

Customs rate code : **3301 29 41**

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 : **Citronellol (25,00 to 37,00%), Geraniol (12,00 to 18,00%), Linalool (4,00 to 7,00%), Citral (Geranial + Neral) (<= 2,00%), D-Limonene (<= 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**

Contact : **M. DENAT Jean-François**

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