

 <p>aromatiques certifiés</p> <p>Route de FA 11260 ESPERAZA France</p> <p>☎ 33 (0).468.741.789 ☎ 33 (0).468.741.579 ✉ info@golgemma.com</p>	<p><b>DATA SHEET</b></p> <p><b>GERANIUM MADA ORG OIL FFL</b></p> <p><i>Pelargonium graveolens L'Hér. (syn: Pelargonium X asperum Ehrhart ex Willdenow)</i></p>	<p>Number of pages : 2</p> <p>Created on : 02/11/2003</p> <p>Modified on : 18/06/2019</p> <p>Last update : 15/07/2019</p>
	<p><b>TDS B445F</b></p> <p>Version 04.50</p>	

Organic product certified by FR-BIO-01

### 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 : **Clear green 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 : **-18,0 ° to -8,0 °**

Flash point : **+64 °C**

Acid value : **N.A.**

Peroxide value : **N.A.**

### MAIN INGREDIENTS

**Citronellol (18,00 to 30,00%)**

**Geraniol (9,00 to 17,00%)**

**Citronellyl formiate (2,00 to 14,00%)**

**Guaiadiene (4,00 to 14,00%)**

**Isomenthone (<= 10,00%)**

**Linalool (<= 10,00%)**

### 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 : **MADAGASCAR**

Country of manufacturing : **MADAGASCAR**

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**HANDLING, STORING AND SHELF LIFE**

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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**

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**TRANSPORT INFORMATION**

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

Customs rate code : **3301 29 41**

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**SPECIAL INDICATIONS**

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- 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 (18,00 to 30,00%), Geraniol (9,00 to 17,00%), Linalool (<= 10,00%), Citral (Geranial + Neral) (<= 4,00%), 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](http://www.ifraorg.org)**

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Contact : **M. DENAT Jean-François**

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