

## TECHNICAL DATA SHEET

**DATE:** 26.02.2021  
**PRODUCT:** GERANIUM EGYPT OIL  
**CODE:** 100117000

**CAS-EINECS** 90082-51-2  
**CAS N°** 8000-46-2  
**CHEMICAL IDENTIFICATION** Pelargonium graveolens, oil  
**FEMA** 2508  
**INDEX NUM. / INVENTORY NUM.** -  
**EINECS / ELINCS** 290-140-0  
**BOTANICAL NAME** Pelargonium graveolens, L'Herit. ex Ait.  
**FLASH POINT** 64°C  
**BOILING POINT** -  
**FORMULA** -  
**M.W.** -

### ORGANOLEPTIC PROPERTIES

**ASPECT** LIQUID  
**COLOR** PALE YELLOW - GREENISH YELLOW  
**ODOUR** ROSY

### CHEMICAL AND PHYSICAL PROPERTIES

	<b>MIN</b>	<b>MAX</b>
<b>DENSITY 20°C (g/cm3)</b>	0,885	0,905
<b>REFRACTIVE INDEX 20°C</b>	1,4610	1,4750
<b>OPTICAL ROTATION (°)</b>	-14,0	-8,0
<b>ACIDITY (mgKOH/g)</b>		10,00
<b>SOLUBILITY VOL. ETHANOL 70° (25°C)</b>	1,0	3,0
<b>Z-ROSE OXIDE (%)</b>	0,70	1,50
<b>E-ROSE OXIDE (%)</b>	0,30	0,60
<b>MENTHONE (%)</b>		2,10
<b>ISOMENTHONE (%)</b>	4,00	8,00
<b>LINALOOL (%)</b>	4,000	8,500
<b>GUAIA-6,9-DIENE (%)</b>		0,50
<b>CITRONELLYL FORMIATE (%)</b>	4,00	8,00
<b>GERANYL FORMATE (%)</b>	2,00	7,00
<b>CITRONELLOL (%)</b>	25,00	36,00
<b>GERANIOL (%)</b>	10,00	18,00
<b>GERANYL BUTYRATE (%)</b>	0,70	2,00



# Lluch Essence

<b>10-EPI-GAMMA EUDESOL (%)</b>	3,00	6,20
<b>PHENYLETHYL TIGLATE (%)</b>	0,50	1,20
<b>TERPINEOL ALPHA (%)</b>	0,30	6,00
<b>GERANYL TIGLATE (%)</b>	0,90	2,00

STORAGE CONDITIONS: It is recommended to store away from direct light in full sealed containers in a dry and well ventilated area.