

## TECHNICAL DATA SHEET

**DATE:** 20.10.2020  
**PRODUCT:** GERANIUM CHINA OIL  
**CODE:** 100116600

**CAS-EINECS** 90082-51-2  
**CAS N°** 8000-46-2  
**CHEMICAL IDENTIFICATION** Pelargonium graveolens, oil  
**INCI NAME** Pelargonium graveolens oil  
**FEMA** 2508  
**INDEX NUM. / INVENTORY NUM.** -  
**EINECS / ELINCS** 290-140-0  
**BOTANICAL NAME** Pelargonium graveolens, L'Herit ex Ait.  
**FLASH POINT** 72-78°C  
**BOILING POINT** -  
**FORMULA** -  
**M.W.** -

### ORGANOLEPTIC PROPERTIES

**ASPECT** LIQUID  
**COLOR** YELLOW - GREENISH YELLOW  
**ODOUR** MINTY, ROSY

### CHEMICAL AND PHYSICAL PROPERTIES

	<b>MIN</b>	<b>MAX</b>
<b>DENSITY 20°C (g/cm<sup>3</sup>)</b>	0,882	0,899
<b>REFRACTIVE INDEX 20°C</b>	1,4550	1,4750
<b>OPTICAL ROTATION (°)</b>	-14,0	-7,0
<b>ACIDITY (mgKOH/g)</b>		10,00
<b>Z-ROSE OXIDE (%)</b>	1,30	2,90
<b>E-ROSE OXIDE (%)</b>	0,50	1,50
<b>MENTHONE (%)</b>		2,50
<b>ISOMENTHONE (%)</b>	4,00	7,00
<b>LINALOOL (%)</b>	2,000	4,500
<b>GUAIA-6,9-DIENE (%)</b>	4,00	7,00
<b>CITRONELLYL FORMIATE (%)</b>	7,00	12,00
<b>GERANYL FORMATE (%)</b>	1,00	3,00
<b>CITRONELLOL (%)</b>	32,00	43,00
<b>GERANIOL (%)</b>	5,00	12,00
<b>GERANYL BUTYRATE (%)</b>	0,40	1,00



# Lluch Essence

<b>10-EPI-GAMMA EUDESOL (%)</b>		0,10
<b>PHENYLETHYL TIGLATE (%)</b>	0,40	1,00
<b>TERPINEOL ALPHA (%)</b>	0,10	0,50
<b>GERANYL TIGLATE (%)</b>	1,00	1,60

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