



Ultra International B.V.

Essential Oils, Ingredients, F & F

TECHNICAL DATA SHEET

Sr. No. : RM0157-V-02

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Item Code : RM0157

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Item Name : GERANIUM OIL CHINESE

Version : 02

CAS # 8000-46-2

FEMA # 2508

EINECS # 290-140-0

Botanical Name Pelargonium graveolens

Product Description A green coloured mobile liquid with strong floral odour.

Origin Obtained by steam distillation from leaf & stems of Pelargonium graveolens

PHYSICO-CHEMICAL PROPERTIES :

Appearance Green

Physical Status LIQUID

Flash Point (Closed cup) °C 64°C

Refractive Index 1.455-1.469 @20°C

Relative Density 0.880-0.900 @20°C

Optical Rotation -7° to -14°

Solubility in Alcohol Soluble

Solubility in Water Insoluble

Main Components by GLC

Citronellol: 25-50%

Citral: 1-10%

Isomenthone: 1-10%

Menthone: 1-10%

Geraniol: 1-10%

Linalool: 1-10%

alpha Pinene: 0.1-1%

beta Pinene: 0.1-1%

Limonene: 0.1-1.0%

Shelf Life 12 months or longer under proper storage conditions.

Legislation Natural

Stability Avoid strong acids strong bases and all oxidising agents.

Uses Fragrance & Flavour Application

HANDLING PRECAUTION

Handle in adequate ventilation, avoid skin and eye contact, use goggles or face shield and wear protective clothing

PACKING & STORAGE

Store at ambient temperature, dry and well-ventullated area, away from heat source and protected from light. Store in tightly sealed original containers, packed in Aluminium bottles, HDPE Food grade cans, MS Coated Drums or GI Drums. Keep air contact min

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