

TECHNICAL DATA SHEET

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Item Code : RM0139

Date : 17/06/2013

Item Name : HELICHRYSUM OIL

Version : 02

CAS # 8023-95-8

EINECS # 289-918-2

Botanical Name Helichrysum italicum

Product Description Yellow liquid having characteristic odour.

Origin This essential oil is obtained by the water steam distillation (Hydrodistillation) from the flowering tops of Helichrysum italicum

PHYSICO-CHEMICAL PROPERTIES :

Appearance Yellow liquid

Physical Status LIQUID

Flash Point (Closed cup) °C 48°C

Refractive Index 1.453 - 1.482 @20°C

Relative Density 0.890 - 0.907 @25°C

Optical Rotation N/A

Solubility in Alcohol Soluble

Solubility in Water Insoluble

Main Components by GLC

alpha Pinene: 2.0 - 4.0%

Linalool: 2.0 - 5.0%

Neryl Propionate: 5.0 - 10%

Limonene: 3.0 - 10%

Neryl Acetate: 35 - 45%

gamma Curcumene: 10 - 15%

Shelf Life 12 months or longer under proper storage conditions.

Stability Avoid strong acids strong bases and all oxidising agents.

Uses Perfumes & Fragrances

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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