

TECHNICAL DATA SHEET

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Item Code : FRC02721

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Item Name : LEMON GRASS OIL

Version : 02

CAS # 8007-02-1

FEMA # 2624

EINECS # 289-752-0

Botanical Name Cymbopogon citratus

Product Description Pale yellow to orange yellow clear mobile liquid with characteristic strong note of citral

Origin This essential oil is obtained by the steam distillation of the grass of Cymbopogon citratus

PHYSICO-CHEMICAL PROPERTIES :

Appearance Pale yellow to orange yellow

Physical Status LIQUID

Flash Point (Closed cup) °C Ca. 71°C

Refractive Index 1.483 - 1.489 @20°C

Relative Density 0.872 - 0.897 @20°C

Optical Rotation -3° to +1°

Solubility in Alcohol 1:3 in 70% alcohol

Solubility in Water Insoluble

Main Components by GLC

Neral: 25-35%

Geraniol: 1.5-7.0%

Geranial: 35-47%

Geranyl Acetate: 0.5-6.0%

Shelf Life 12 months if stored under proper storage conditions.

Legislation Natural

Stability Avoid strong acids strong bases & all oxidising agents.

Uses Fragrance and Flavour Application

HANDLING PRECAUTION

Handle with adequate ventilation Avoiding skin & eye contact. Use goggles or face shield safety gloves and wear protective clothing

PACKING & STORAGE

Should be stored in a cool, dry well ventilated places in full tightly sealed containers protected from light. Containers should be kept away from light and sources of ignition

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