

TECHNICAL DATA SHEET

Sr. No. : RM0001-V-02

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Item Code : RM0001

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Item Name : LEMON OIL ITALIAN

Version : 02

CAS # 8008-56-8
FEMA # 2625
EINECS # 284-515-8
Botanical Name Citrus limon L.
Product Description Pale yellow to deep yellow clear mobile liquid with characteristic lemon odour.
Origin Obtained by expression of fruits of Citrus limon (L.)

PHYSICO-CHEMICAL PROPERTIES :

Appearance Pale yellow to deep yellow
Physical Status LIQUID
Flash Point (Closed cup) °C 50°C
Refractive Index 1.468 - 1.480 @20°C
Relative Density 0.845 - 0.860 @20°C
Optical Rotation -57° to +65.6°
Solubility in Alcohol 1:3 (v/v) in 95% alcohol
Solubility in Water Insoluble
Main Components by GLC
D-limonene: max 70% Citral: 1.5 - 3.5%
Sabinene 1.5-2.5% Beta pinene 10.9-12.5%
Gamma Terpinene 8.2-10%

Shelf Life 12 months under proper storage conditions.

Legislation Natural

Stability Reacts violently with oxidising agents

Uses Food/Flavour, Fragrance application

HANDLING PRECAUTION Handle in adequate ventilation. Avoid skin and eye contact. Use goggles or face shield and wear protective clothing.

PACKING & STORAGE Should be stored in cool, dry, dark, in original sealed packaging. Containers should be stored away from light and source of ignition.

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