

**TECHNICAL DATA SHEET**

Sr. No. : RM0026-V-02

Printed Date : 16/04/2015

Item Code : RM0026

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Item Name : LEMON OIL SOUTH AFRICA

Version : 02

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

**PHYSICO-CHEMICAL PROPERTIES :**

Appearance Yellow to green  
Physical Status LIQUID  
Flash Point (Closed cup) °C 46.11°C  
Refractive Index 1.472 - 1.476 @20°C  
Relative Density 0.847 - 0.853 @25°C  
Optical Rotation 58° to 70°  
Solubility in Alcohol Soluble  
Solubility in Water Insoluble  
Main Components by GLC  
Limonene : 65 - 75% Myrcene : 1 - 2.5%  
Beta Pinene : 5-15% Gamma-Terpinene : 5 - 10%  
Citral : 1 - 2.5%

Shelf Life 12 months or longer under proper storage conditions.

Legislation Natural

Stability Avoid strong acids strong bases and all 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** 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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