



Ultra International B.V.

Essential Oils, Ingredients, F & F

TECHNICAL DATA SHEET

Sr. No. : RM0117-V-02

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Item Code : RM0117

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Item Name : LEMON OIL BRAZIL

Version : 02

CAS # 8008-56-8

FEMA # 2625

EINECS # 284-515-8

Botanical Name Citrus limon

Product Description A pale yellow to deep yellow liquid having slight citrus molasses typical odour/strong citrus odour.

Origin A volatile oil obtained from the fresh peel of the lemon, citrus limon.

PHYSICO-CHEMICAL PROPERTIES :

Appearance Pale yellow to deep yellow

Physical Status LIQUID

Flash Point (Closed cup) °C 45° to 49°C

Refractive Index 1.472-1.476 @20°C

Relative Density 0.842-0.854 @25°C

Optical Rotation 57° to 67°

Solubility in Alcohol Soluble

Solubility in Water Insoluble

Main Components by GLC

Limonene: Max. 70%

alpha Pinene: 1-3%

Sabinene: 1-3%

beta Pinene: 9-13%

Myrcene: 1-3%

gamma Terpinene: 5-10%

Linalool: Max. 0.2%

Citral: 1-3%

Geraniol: Max. 0.1%

Citronellol: Max. 0.1%

Shelf Life 12 months under recommended 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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