

TECHNICAL DATA SHEET

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Item Name : LEMON OIL SPRING

Version : 01

CAS # 8008-56-8¹
FEMA # 2625
EINECS # 284-515-8
BOTANICAL NAME *Citrus limon*
Product Description A pale yellow to deep yellow colored liquid with characteristic lemon odor
Origin Obtained from the fresh fruit peel of *Citrus limon*

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 0.840 – 0.865 @ 20°C
Optical Rotation +57° to +65.6°
Solubility in Alcohol 1:3 in 95% alcohol
Solubility in Water Insoluble
Assay by GC/MS (%) Limonene α-Pinene gamma-terpenes
Citral β-Pinene

Shelf Life 12 months with proper storage conditions.
Legislation Natural
Stability Avoid strong acids strong bases & all oxidizing agents.

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 cool, dry, well ventilated places in full, tightly sealed containers. Protected from light & source of ignition. Packed in Aluminum, HDPE Food Grade Cans, MS Coated Drums, GI Drums. Avoid long contact with Iron, heat and light.

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