

## TECHNICAL DATA SHEET

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Item Name : LEMON OIL WINTER

Version : 01

CAS #	8008-56-8 <sup>1</sup>
FEMA #	2625
EINECS #	284-515-8
BOTANICAL NAME	<i>Citrus limon</i>
Product Description	A yellow to green liquid with characteristic lemon odour
Origin	Obtained from the fresh fruit peel of <i>Citrus limon</i>

### PHYSICO-CHEMICAL PROPERTIES:

Appearance	Yellow to green
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-Terpinene 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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1. United States National Library of Medicines (US)