## TECHNICAL DATA SHEET

**Document No.:** TDS/RM0002/02  
**Printed Date:** 20/08/2013

<table>
<thead>
<tr>
<th>Item Code</th>
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<tr>
<td>Item Name</td>
<td>LIME OIL DISTILLED MEXICAN</td>
<td>12/08/2013</td>
<td>Version : 01</td>
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### CAS #
8008-26-2 / 90063-52-8

### FEMA #
2631

### EINECS #
290-010-3

### BOTANICAL NAME
*Citrus aurantifolia*

### Product Description
Yellow green to brownish liquid with characteristic odour of lime

### Origin
Obtained by expression of fruit/peel of *Citrus aurantifolia*

### PHYSICO-CHEMICAL PROPERTIES:

- **Appearance:** Yellow-green to brownish
- **Physical Status:** Liquid
- **Flash Point (Closed cup) °C:** 51°C
- **Refractive Index:** 1.472 – 1.482 @ 20°C
- **Relative Density:** 0.855 – 0.864 @ 25°C
- **Optical Rotation:** N/A
- **Solubility in Alcohol:** 1:9 in 90% Alcohol
- **Solubility in Water:** Insoluble
- **Assay by GC/MS (%)**
  - Limonene
  - alpha-Pinene
  - Citral
  - beta-Pinene
  - p-Cymene
  - gamma-Terpinene

### 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 Aluminium, 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)