

TECHNICAL DATA SHEET

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Item Name : LIME OIL DISTILLED MEXICAN

Version : 01

CAS #	8008-26-2 ¹ / 90063-52-8 ²
FEMA #	2631
EINECS #	290-010-3
BOTANICAL NAME	<i>Citrus aurantifolia</i>
Product Description	Yellow green to brownish liquid with characteristic odour of lime
Origin	Obtained by expression of fruit/peel of <i>Citrus aurantifolia</i>

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 (%)	<table> <tr> <td>Limonene</td><td>alpha-Pinene</td></tr> <tr> <td>Citral</td><td>beta-Pinene</td></tr> <tr> <td>p-Cymene</td><td>gamma-Terpinene</td></tr> </table>	Limonene	alpha-Pinene	Citral	beta-Pinene	p-Cymene	gamma-Terpinene
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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)