Ultra International B.V.

Essential Oils, Ingredients, F & F

TECHNICAL DATA SHEET

Sr. No. : EO0002-V-02 | **Printed Date : 15/04/2015**

Item Code	:	**EO0002**	**Date**	:	13/06/2014
Item Name	:	**LEMON OIL CALIFORNIA**	**Version**	:	02

CAS #	8008-56-8
FEMA #	2625
EINECS #	284-515-8
Botanical Name	Citrus limon
Product Description	Clear yellow to yellowish green liquid with characteristic freash citrus odour
Origin	Obtained by cold pressed method from fruit peel of Citrus limon

PHYSICO-CHEMICAL PROPERTIES :

Appearance	Clear yellow to greenish yellow	
Physical Status	LIQUID	
Flash Point (Closed cup) °C	46ºC	
Refractive Index	1.473 - 1.476 @20ºC	
Relative Density	0.851 - 0.858 @25ºC	
Optical Rotation	+57º to +65.6º	
Solubility in Alcohol	1:3 in 95% alcohol	
Solubility in Water	Insoluble	
Main Components by GLC	Limonene : 66 - 71%	gamma terpinene : 7 -9.5%
	Para Cymene 0-0.5%	alpha-pinene : 1.6 - 2.1%
	beta-bisabolene : 0.45 - 0.65%	

Shelf Life	12 months under recommended storage conditions.
Legislation	Natural
Stability	Avoid strong acids strong bases and all oxidising agents
Uses	Flavour/Fragrance 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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