

TECHNICAL DATA SHEET

Sr. No. : RM0026-V-02

Printed Date 20/08/2019

Item Code	:	RM0026	Date	:	01/08/2014
Item Name	:	LEMON OIL SOUTH AFRICAN	Version	:	02

CAS #	8008-56-8
FEMA #	2625
EINECS #	284-515-8
Botanical Name	Citrus limon
Product Description	Yellow to green mobile liquid with characteristic odour
Origin	Obtained by expression of fruits of Citrus limon (L.)

PHYSICO-CHEMICAL PROPERTIES :

Appearance	Pale yellow to Greenish yellow	
Physical Status	LIQUID	
Flash Point (Closed cup) °C	46°C	
Refractive Index	1.473 - 1.476 @20°C	
Relative Density	0.840 - 0.858 @20°C	
Optical Rotation	57° to 65.6°	
Solubility in Alcohol	Soluble	
Solubility in Water	Insoluble	
Main Components by GLC	Limonene : 65 - 75%	Myrcene : 1 - 2.5%
	Beta Pinene : 5-15%	Gamma-Terpinene : 5 - 10%
	Citral : 1 - 2.5%	Alpha Pinene: 1-2.5%
	Para-Cymene : <1%	

Shelf Life	12 months or longer under proper storage conditions.
Legislation	Natural
Stability	Avoid strong acids strong bases and all oxidising agents.
Uses	Food/Flavour, Fragrance application

HANDLING PRECAUTION	Handle in adequate ventilation. Avoid skin and eye contact. Use goggles or face shield and wear protective clothing.
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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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