



TECHNICAL DATA SHEET

Printed Date 06/08/2018

Item Code	: 014	Date	: 06/08/2018
Item Name	: LEMON SCENTED TEA TREE OIL	Version	: 01

CAS #	85085-43-4
FEMA #	N/A
EINECS #	285-372-4
Botanical Name	Leptospermum petersonii
Product Description	Clear colourless to pale yellow mobile liquid with powerful, fresh, warm spicy earthy odour
INCI	Leptospermum petersonii (Lemon Scented Tea Tree) leaf oil
Origin	Obtained by steam distillation from foliage and terminal branches of Leptospermum petersonii

PHYSICO-CHEMICAL PROPERTIES:

Appearance	Colourless to pale yellow
Physical Status	LIQUID
Flash Point (Closed cup) °C	63°C
Refractive Index	1.461 - 1.491 @20°C
Relative Density	0.878 - 0.908 @20°C
Optical Rotation	-3° to +5°
Solubility in Alcohol	Soluble
Solubility in Water	Insoluble
Main Components by GLC	Citral: 45% - 65% Citronellol: 2% - 5% Alpha-Terpinene: 1 -2% Linalool: 2% - 5% Citronellal: 25% - 35% Isopulegol: 2% - 8% Alpha Phellandrene: 2% - 5% Nerol: 1% - 2%

Shelf Life	36 months under recommended 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-ventilated 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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