



TECHNICAL DATA SHEET

Printed Date 30/04/2019

Item Code : 009
Item Name : MANUKA OIL

Date : 30/04/2019
Version : 03

CAS # 223749-44-8
EINECS # N/A
Botanical Name Leptospermum scoparium
Product Description Pale yellow clear slightly viscous liquid with characteristic acre & woody odour
Origin The volatile oil obtained by steam distillation of the leaves and terminal branches of Leptospermum scoparium

PHYSICO-CHEMICAL PROPERTIES :

Appearance Pale yellow clear liquid
Physical Status Viscous
Flash Point (Closed cup) °C 98.6°C
Refractive Index 1.496 - 1.506 @20°C
Relative Density 0.920 - 0.990 @20°C
Optical Rotation N/A
Solubility in Alcohol 1:6 in 90% ethanol
Solubility in Water Insoluble
Main Components by GLC
Total beta-Triketones: 25.0-30.0% iso-Ledene: 4.0-8.0%
Calamenene: 7.0-17.0% Cadina-1,4-diene: 3.0-7.0%
alpha Copaene: 2.0-6.0% alpha Selinene: 2.0-6.0%
beta Selinene: 2.0-6.0% delta Cadiene: 2.0-6.0%
beta Caryophyllene: 1.0-4.0% alpha Pinene: 0.5-3.0%
Shelf Life 36 months under proper storage conditions

Legislation Natural
Stability Avoid strong acids strong bases and all oxidising agents.
Uses Aromatherapy & Skin care

HANDLING PRECAUTION Handle in adequate ventilation, avoid skin and eye contact, use goggles or face shield and wear protective clothing

PACKING & STORAGE Should be stored in a cool, dry well ventilated places in fully tight sealed containers protected from light. Containers should be kept away from light and source of ignition.

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