



TECHNICAL DATA SHEET

Printed Date 17/07/2019

Item Code : 030
Item Name : KANUKA OIL

Date : 17/07/2019
Version : 01

CAS # N/A
EINECS # 919-366-6
Botanical Name Kunzea ericoides
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 Kunzea ericoides

PHYSICO-CHEMICAL PROPERTIES:

Appearance Clear pale yellow liquid
Physical Status Viscous
Flash Point (Closed cup) °C 35 - 40°C
Refractive Index 1.473 - 1.476 @20°C
Relative Density 0.875 - 0.900 @20°C
Optical Rotation +21°C to +26 °C

Solubility in Alcohol 1:6 in 90% ethanol

Solubility in Water Insoluble

Main Components by GLC

alpha-pinene: 53 - 69%	cis-calamenene: 1.0 - 4.0%
para-cymene: 0.5 - 5.0%	ledol: 0.2 - 1.0%
1,8-cineole: 3.2 - 6.8%	viridiflorol: 0.7 - 6.0%
linalool: 0.1 - 3.5%	leptospermone: 0.3 - 1.3%

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 place in fully tight sealed containers protected from light. Containers should be kept away from light and source of ignition.

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