

**TECHNICAL DATA SHEET**

Sr. No. : RM0171-V-02

Printed Date 01/03/2019

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Item Code	:	RM0171	Date	:	13/06/2013
Item Name	:	EUCALYPTUS GLOBULUS OIL	Version	:	02

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CAS #	8000-48-4
FEMA #	2466
EINECS #	296-357-7
Botanical Name	Eucalyptus globulus
Product Description	Colourless or pale yellow liquid having reminiscent of 1,8-Cineole.
Origin	Obtained by the steam distillation and rectification from fresh leaves or fresh terminal branchlets of Eucalyptus globulus

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**PHYSICO-CHEMICAL PROPERTIES :**

Appearance	Colourless or pale yellow
Physical Status	LIQUID
Flash Point (Closed cup) °C	52°C
Refractive Index	1.458 - 1.470 @20°C
Relative Density	0.906 - 0.927 @20°C
Optical Rotation	0° to 10°
Solubility in Alcohol	1:5 (v/v) in 70% Ethanol
Solubility in Water	Insoluble
Main Components by GLC	alpha Pinene: 0.05-10%                      beta Pinene: 0.05-1.5% Sabinene: max. 0.3%                         alpha Phellandrene: 0.05-1.5% Limonene: 0.05-15%                         1,8-Cineole: min 70% Camphor: max. 0.1%

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Shelf Life	12 months under proper storage conditions
Stability	Avoid strong acids strong bases and all oxidising agents.
Uses	Perfumes & Fragrances

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<b>HANDLING PRECAUTION</b>	Handle in adequate ventilation, avoid skin and eye contact, use goggles or face shield and wear protective clothing
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<b>PACKING &amp; STORAGE</b>	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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