

TECHNICAL DATA SHEET

Sr. No. : RM0075-V-02

Printed Date : 15/04/2015

Item Code : RM0075

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Item Name : ORANGE OIL SOUTH AFRICA

Version : 02

CAS # 8008-57-9

FEMA # 2825

EINECS # 232-433-8

Botanical Name Citrus aurantium

Product Description Yellow to orange coloured liquid with characteristic orange odour.

Origin Obtained by the cold pressed method from fruit peel of Citrus aurantium

PHYSICO-CHEMICAL PROPERTIES :

Appearance Yellow to Orange

Physical Status LIQUID

Flash Point (Closed cup) °C 46°C

Refractive Index 1.470-1.475 @20°C

Relative Density 0.845-0.855 @20°C

Optical Rotation 94° to 100°

Solubility in Alcohol Soluble

Solubility in Water Insoluble

Main Components by GLC
D-limonene: Min 90% Myrcene: 1 - 2.5%
Linalool: 0.2 - 0.6% Decanal: 0.1 - 0.5%
Sabinene: 0.1 - 0.8%

Shelf Life 12 months under recommended storage conditions.

Legislation Natural

Stability Avoid strong acids strong bases and all oxidising agents

Uses Flavour/Fragrance Application

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

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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