

TECHNICAL DATA SHEET

Sr. No. : RM0102-V-02

Printed Date : 15/04/2015

Item Code : RM0102

Date : 17/06/2013

Item Name : BITTER ORANGE OIL

Version : 02

CAS # 68916-04-1
 FEMA # 2823
 EINECS # 277-143-2
 Botanical Name Citrus aurantium
 Product Description Pale yellow to Brownish green having characteristic odour of bitter orange peel
 Origin Obtained by the physical expression from pericarp of fruit of Citrus aurantium

PHYSICO-CHEMICAL PROPERTIES :

Appearance Pale yellow to Brownish green
 Physical Status LIQUID
 Flash Point (Closed cup) °C 47°C
 Refractive Index 1.472-1.476 @20°C
 Relative Density 0.840-0.860 @20°C
 Optical Rotation +88° to +98°
 Solubility in Alcohol Soluble
 Solubility in Water Insoluble
 Main Components by GLC
 Limonene: 93-95% Myrcene: 1.5-3%
 Alpha pinene: 0.2-0.7% Beta pinene: 0.2-1.2%
 Linalool: 0.1-0.4%

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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