

**TECHNICAL DATA SHEET**

Sr. No. : RM0102-V-02

Printed Date 06/04/2017

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Item Code	:	RM0102	Date	:	17/06/2013
Item Name	:	ORANGE OIL BITTER	Version	:	02

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CAS #	68916-04-1
FEMA #	2823
EINECS #	277-143-2
Botanical Name	Citrus aurantium
Product Description	Yellow-green/ brown coloured liquid having characteristic odour of bitter orange peel
Origin	Obtained by the physical expression without heating from pericarp of fruit of Citrus aurantium

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**PHYSICO-CHEMICAL PROPERTIES :**

Appearance	Yellow green/brown
Physical Status	LIQUID
Flash Point (Closed cup) °C	51°C
Refractive Index	1.470-1.480 @20°C
Relative Density	0.840-0.855 @20°C
Optical Rotation	N/A
Solubility in Alcohol	Soluble
Solubility in Water	Insoluble
Main Components by GLC	Limonene: 50-100% alpha Pinene: max.1.0% Myrcene: 1-2.5% beta Pinene: max.1.0%

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Shelf Life	12 months under recommended storage conditions.
Legislation	Natural
Stability	Avoid strong acids strong bases and all oxidising agents
Uses	Flavour/Fragrance Application

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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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