

TECHNICAL DATA SHEET

Sr. No. : RM0153-V-02

Printed Date 04/04/2018

Item Code	: RM0153	Date	: 13/06/2013
Item Name	: BERGAMOT OIL	Version	: 02

CAS #	8007-75-8
FEMA #	2153
EINECS #	296-429-8
Botanical Name	Citrus bergamia
Product Description	Green to yellow clear, mobile liquid, sometimes with a solid deposit with characteristic, pleasant and cool, recalling that of the fresh pericarp of bergamot.
Origin	A volatile oil is obtained by the expression, without the aid of heat, from the fresh peel of the fruit of Citrus bergamia.

PHYSICO-CHEMICAL PROPERTIES :

Appearance	Green to yellow
Physical Status	LIQUID
Flash Point (Closed cup) °C	59°C
Refractive Index	1.465-1.470 @20°C
Relative Density	0.876-0.883 @20°C
Optical Rotation	15° to 32°
Solubility in Alcohol	1:1 (v/v) in 85% ethanol
Solubility in Water	Insoluble
Main Components by GLC	Limonene: 30-45% Linalyl Acetate: 22-36% gamma Terpinene: 6-10% beta Bisabolene: 0.3-0.55% beta Pinene: 5.5-9.5% Linalool: 3-15% Geranial: 0.25-0.50%

Shelf Life 12 months under recommended storage conditions.

Legislation Natural

Stability Avoid strong acid strong base and all oxidizing agent.

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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