

TECHNICAL DATA SHEET

Sr. No. : RM0182-V-02

Printed Date 28/02/2018

Item Code	:	RM0182	Date	:	13/06/2013
Item Name	:	PETITGRAIN MANDARIN OIL	Version	:	02

CAS #	8014-17-3
FEMA #	2854
EINECS #	284-521-0
Botanical Name	Citrus reticulata
Product Description	Amber-yellow to reddish-orange with violet fluorescence having flowery, fruity and tenacious odour
Origin	Essential oil is produced by steam distillation of the fresh leaves, twigs and possibly small green fruits of Citrus reticulata.

PHYSICO-CHEMICAL PROPERTIES :

Appearance	Amber-yellow to reddish-orange with violet fluorescence.
Physical Status	LIQUID
Flash Point (Closed cup) °C	54°C
Refractive Index	1.498 to 1.547 @20°C
Relative Density	0.934 to 1.044 @20°C
Optical Rotation	+2° to +13°
Solubility in Alcohol	Soluble
Solubility in Water	Insoluble
Main Components by GLC	alpha Pinene: 2.0 - 3.0% beta Pinene: 2.0 - 3.0% Limonene: 8.0 - 11% gamma Terpinene: 22 - 27 % Methyl-N-methylantranilate: 40 - 55% Methylantranilate: 0 - 0.2% para Cymene: 4.0 - 6.0%

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

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