

TECHNICAL DATA SHEET

Sr. No. : RM0144-V-02

Printed Date 09/08/2016

Item Code : RM0144

Date : 17/06/2013

Item Name : NEROLI OIL

Version : 02

CAS # 8016-38-4

FEMA # 2771

EINECS # 277-143-2

Botanical Name Citrus aurantium

Product Description Pale yellow to yellow liquid having characteristic dor of bitter orange flowers.

Origin Obtained by the steam distillation from flowers of Citrus aurantium L.

PHYSICO-CHEMICAL PROPERTIES :

Appearance Pale yellow to yellow

Physical Status LIQUID

Flash Point (Closed cup) °C 57°C

Refractive Index 1.463 - 1.474 @20°C

Relative Density 0.863 - 0.896 @20°C

Optical Rotation 2° to 11°

Solubility in Alcohol 1:1 is clear to 3 and more is hazy in 80% alcohol

Solubility in Water Insoluble

Main Components by GLC

Linalool: 28 - 55%

Linalyl Acetate: 3 - 25%

Sabinene: 0 - 10%

Limonene: 8 - 18%

Shelf Life 12 months or longer under proper storage conditions.

Legislation Natural

Stability Avoid strong acids strong bases and all oxidising agents.

Uses Perfumes & Fragrances

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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