

TECHNICAL DATA SHEET

Sr. No. : RM0098-V-02

Printed Date 28/03/2018

Item Code : RM0098

Date : 17/06/2013

Item Name : ROSE OIL

Version : 02

CAS # 8007-01-0

FEMA # 2989

EINECS # 290-260-3

Botanical Name Rosa damascena

Product Description Light yellow to dark yellow mobile liquid having rose specific odour.

Origin Obtained by steam distillation from flowers of Rosa damascena

PHYSICO-CHEMICAL PROPERTIES :

Appearance Light yellow to dark yellow

Physical Status LIQUID

Flash Point (Closed cup) °C 65° to 68°C

Refractive Index 1.452 - 1.470 @20°C

Relative Density 0.848 - 0.880 @20°C

Optical Rotation -5° to -1.8°

Solubility in Alcohol Soluble

Solubility in Water Insoluble

Main Components by GLC

Citronellol: 20-34%

Nerol: 5-12%

Geraniol: 15-22%

Linalool: <2.5%

Nonadecane: 8-15%

Paraffinic Hydrocarbons (C17-C30): 18-25%

Shelf Life 12 months or longer under proper 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

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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