

**TECHNICAL DATA SHEET**

Sr. No. : RM0143-V-02

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Item Code : RM0143

Date : 17/06/2013

Item Name : CUMIN SEED OIL

Version : 02

CAS # 8014-13-9

FEMA # 2340

EINECS # 283-881-6

Botanical Name Cuminum cyminum L.

Product Description Clear light yellow to brownish yellow having strong & somewhat disagreeable odour.

Origin Obtained by the steam distillation from the dried ripe fruit of Cuminum cyminum L.

**PHYSICO-CHEMICAL PROPERTIES :**

Appearance Clear light yellow to brownish yellow

Physical Status LIQUID

Flash Point (Closed cup) °C 53°C

Refractive Index 1.497 - 1.506 @20°C

Relative Density 0.900 - 0.930 @20°C

Optical Rotation +3° to +8°

Solubility in Alcohol Soluble

Solubility in Water Insoluble

Main Components by GLC Cuminic Aldehyde: 18 - 26% 1,3-para mentha triene-7-al: 10 - 22%  
1,4-para mentha triene-7-al: 5 - 15%

Shelf Life 12 months or longer under proper storage conditions.

Legislation Natural

Stability Avoid strong acids strong bases and all oxidising agents.

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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