

TECHNICAL DATA SHEET

Sr. No. : RM0005-V-02

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Item Code : RM0005

Date : 17/06/2013

Item Name : NUTMEG OIL

Version : 02

CAS #	8008-45-5
FEMA #	2793
EINECS #	282-013-3
Botanical Name	Myristica fragrans Houtt.
Product Description	Colourless to pale yellow mobile liquid with characteristic odour
Origin	Obtained from steam distillation from seeds/kernals of Myristica fragrans

PHYSICO-CHEMICAL PROPERTIES :

Appearance	Colourless to pale yellow, clear liquid
Physical Status	LIQUID
Flash Point (Closed cup) °C	43°C
Refractive Index	1.474 - 1.488 @20°C
Relative Density	0.883 - 0.923 @25°C
Optical Rotation	+8° to +30° @25°C
Solubility in Alcohol	1:2.5 (v/v) in 85% alcohol
Solubility in Water	Insoluble
Main Components by GLC	alpha-pinene: 19 - 22.5% beta-pinene: 13.5 - 15.5% Myristicin: 8 - 11% Sabinene: 17 - 22% gamma-Terpinene: 3.6 - 5.2%

Shelf Life : 12 months under proper storage conditions

Legislation : Natural

Stability : Avoid strong acids strong bases and all oxidising agents.

Uses : Food/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 : Should be stored in a cool, dry well ventilated places in fully tight sealed containers protected from light. Containers should be kept away from light and source of ignition.

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