



Ultra International B.V.

Essential Oils, Ingredients, F & F

TECHNICAL DATA SHEET

Sr. No. : RM0046-V-02

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Item Code : RM0046

Date : 13/06/2014

Item Name : ROSEMARY OIL - MORROCAN

Version : 02

CAS # 8000-25-7

FEMA # 2992

EINECS # 283-291-9

Botanical Name Rosemarinus officinalis

Product Description Colourless to Pale yellow liquid having characteristic rosemary odour.

Origin Obtained by the steam distillation from the plant of Rosemarinus officinalis.

PHYSICO-CHEMICAL PROPERTIES :

Appearance Colourless to pale yellow

Physical Status LIQUID

Flash Point (Closed cup) °C 43°C

Refractive Index 1.464-1.470 @20°C

Relative Density 0.907-0.920 @20°C

Optical Rotation -2° to 5°

Solubility in Alcohol 1:1 in 90% alcohol

Solubility in Water Insoluble

Main Components by GLC

alpha Pinene: 9.0-14.0%

beta Pinene: 4.0-9.0%

1,8-Cineol: 38.0-55.0%

Limonene: 1.5-4.0%

Camphor: 5.0-15.0%

alpha Terpineol: 1.0-2.5%

Camphene: 2.5-6.0%

para Cymene: 0.5-2.5%

Myrcene: 1.0-2.0%

Borneol: 1.0-5.0%

Shelf Life 12 months 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

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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