



Ultra International B.V.

Essential Oils, Ingredients, F & F

TECHNICAL DATA SHEET

Sr. No. : RM0051-V-02

Printed Date 02/02/2017

Item Code	:	RM0051	Date	:	13/06/2014
Item Name	:	ROSEMARY OIL SPANISH	Version	:	02

CAS #	8000-25-7
FEMA #	2992
EINECS #	283-291-9
Botanical Name	Rosemarinus officinalis
Product Description	Colourless to Pale yellow coloured liquid having aromatic odour.
Origin	Obtained by the steam distillation from the flowers, Leaves and twigs of Rosemarinus officinalis.

PHYSICO-CHEMICAL PROPERTIES :

Appearance	Colourless to Pale yellow
Physical Status	LIQUID
Flash Point (Closed cup) °C	43°C
Refractive Index	1.464-1.473 @20°C
Relative Density	0.895-0.920 @20°C
Optical Rotation	-5° to +8°
Solubility in Alcohol	Soluble
Solubility in Water	Insoluble
Main Components by GLC	alpha-Terpineol 1-3.5% alpha-Pinene 18-26% Eucalyptol 16-25% Camphor 13-21% Camphene 8-12% beta-Pinene 2-6% Myrcene: 2-5% Limonene:2.5-5% para Cymene: 1-2.2% Borneol: 2-4.5%

Shelf Life	12 months under recommended 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
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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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