



## TECHNICAL DATA SHEET

### Product: ROSEMARY SPAIN ESSENTIAL OIL

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#### SPECIFICATIONS:

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CAS	84604-14-8
EINECS	283-291-9
FEMA	2992
BOTANICAL NAME	Rosmarinus Officinalis, L.
INCI NAME	Rosmarinus Officinalis Leaf Oil.
ORIGIN	Organic.
PART OF THE PLANT USED	Leaves.
METHOD OF EXTRACTION	Steam distillation.

#### ORGANOLEPTIC PROPERTIES:

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ASPECT	Clear mobile liquid.
COLOR	Colorless to pale yellow or greenish yellow.
ODOR	Aromatic, balsamic, cineole-like, more, or less camphoraceous.

#### PHYSICAL - CHEMICAL PROPERTIES:

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	MIN	MAX
RELATIVE DENSITY at 20 °C (g/ml)	0,892	0,910
REFRACTIVE INDEX at 20 °C	1,464	1,472
OPTICAL ROTATION at 20 °C	-6°	+8°
FLASH POINT (mean value)	43 °C	

Miscibility at 20 °C: It shall not be necessary to use more than 3 volumes of 90% volume fraction ethanol to obtain a clear solution with 1 volume of essential oil.



## STORAGE CONDITIONS:

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Keep the product in its original container well sealed, in a dry and ventilated area, away from potential sources of ignition and protected from light. Store in accordance with local/national regulations and follow the warnings on the label.

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CHEMICAL COMPONENTS (%)	MIN	MAX
$\alpha$ - Pinene	18	26
Camphene	7	13
$\beta$ - Pinene	2	5
Myrcene	2,5	4,5
Limonene	2,5	5,5
1,8 - Cineole	16	23
p - Cymene	1	2
Camphor	12,5	22
Bornyl Acetate	0,5	2,5
$\alpha$ - Terpineol	1	4
Borneol	1	4,5
Verbenone	0,7	2,5

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