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MANUFACTURING PROCESS

Essential oil obtained by steam distillation of stems and the flowering tops of rosemary from Tunisia (Lamiaceae).
***Rosmarinus officinalis* L.**

DESCRIPTION

Odour	:	rustic, aromatic, zesty, cineol-like
Appearance	:	liquid at room temperature, clea
Colour	:	colorless to pale greenish yellow
Afnor / ISO	:	ISO 1342

Specifications:
alpha pinene 9 - 14% ; camphene 2.5 - 6% ; beta pinene 4 - 9% ; myrcene 1 to 2% ; limonene 1 - 4% ; cineol 1.8 38 - 50% ; para-cymene 0.5 - 2% ; camphor 8 - 15% ; bornyl acetate 0.1 - 1,5% ; borneol 1.5 - 5% ; terpinolene 1 - 2.5%

PHYSICO-CHEMICAL DATA

Relative density	:	0.907 – 0.920
Refractive index	:	1.463 – 1.47
Optical rotation at 20°C	:	-2.0 – 5.0 °
Flash point	:	47 °C

LEGISLATION

CAS-No. (TSCA)	:	8000-25-7
CAS EINECS	:	84604-14-8
FEMA	:	2992
FDA	:	182.200
CoE	:	406n
EINECS	:	283-291-9
FCC	:	Registered
RIFM monograph	:	Yes

STORAGE - TRANSPORT - HANDLING

Storage conditions :
dry, well ventilated, preferably full, hermetically sealed. Store at ambient temperature 10-30°C (50-85°F). Keep contents under nitrogen

Shelf life :
365 days

Labelling :
GHS02, GHS07, GHS08, GHS09
H226,H304,H315,H317,H319,H371,H411
P210;P261;P264;P280;P301+P310+P331;P391

Customs code : 3301294900

INCI NAME	:	ROSMARINUS OFFICINALIS (ROSEMARY) FLOWER/LEAF/STEM EXTRACT
Regulation (EC) 1334/2008	:	Flavouring preparation (as per article 3.2.d.ii)
IFRA restrictions (Amendment 49)	:	Not explicitly regulated by IFRA. It contains maximum 0.05% methyl eugenol classified "R" (restricted) ; 4% limonene, 1% linalool classified "S" (specified).
CMR naturally present(s)	:	methyl eugenol <0.05%, gamma-terpinene <1.5%, p-cymene <2%
Résidual solvent(s)	:	not applicable

Analysis method : gas chromatography (GC/FID) area % according to normalization method (ISO 7609 and 11024). Detection limit : 100ppm.

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