

SPECIFICATION SHEET

VERSION	1	VERSION DATE	29/01/16	PRINT DATE	09/05/25
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PRODUCT	TERPENES D'ORANGE
APPLICATIONS	Industrial raw material not intended for direct use.
IUPAC NAME	ORANGE TERPENES
SYNONYMS	D-LIMONENE, DISTILLED ORANGE, ORANGE TERPENES
PLANT OF ORIGIN	Citrus sinensis L. Osbeck
PART OF THE PLANT	FRUIT PEELS
FORMULA	C ₁₀ H ₁₆
MOLECULAR WEIGHT	136
CAS	5989-27-5
EINECS	227-813-5
FEMA	2633
CoE	143
TARIFF NUMBER	3301901000
FOOD GRADE CERTIFICATE	AVAILABLE ON REQUEST

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ASPECT AT 20°C	CLEAR MOBILE LIQUID
COLOUR	COLORLESS
ODOUR	ORANGE LIKE, FRESH, SWEET
TASTE	CHARACTERISTIC
DENSITY AT 20°C (g / ml)	0,835-0,846
DENSITY 25/25	-
REFRACTIVE INDEX nD20	1,4680-1,4750
REFRACTIVE INDEX nD25	-
OPTICAL ROTATION (°)	95/105
BOILING POINT (°C)	175 - 177 (1 atm)
MELTING POINT (°C)	-97 APPROX.
FLASH POINT (°C)	47
ASSAY (% GC)	> 95
ACID VALUE (mg KOH/g)	< 1
SOLUBILITY	INSOLUBLE IN WATER
VAPOUR PRESSURE	NOT DETERMINED
OTHER SOLUBILITIES	SOLUBLE IN ETHANOL

STABILITY AND STORAGE

KEEP IN TIGHTLY CLOSED CONTAINER IN A COOL AND DRY PLACE, PROTECTED FROM LIGHT. WHEN STORED FOR MORE THAN 24 MONTHS, QUALITY SHOULD BE CHECKED BEFORE USE.

WE BELIEVE THE ABOVE INFORMATION TO BE CORRECT BUT WE DO NOT PRESENT IT AS ALL INCLUSIVE AND AS SUCH SHOULD BE USED AS A GUIDE. IT IS THE SOLE RESPONSIBILITY OF THE RECEIVER OF OUR PRODUCT TO COMPLY WITH EXISTING REGULATIONS AND INSTRUCTIONS. THIS PRODUCT HAS NOT BEEN FILTERED DUE TO TECHNICAL REASONS. WE RECOMMEND NOT TO USE IT UNLESS FILTERED WHEN USED AS A RAW MATERIAL IN FOOD INTENDED FOR FINAL CONSUMERS.

PRODASYNTH SAS

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