

SPECIFICATION SHEET

VERSION 9 VERSION DATE 27/03/20 PRINT DATE 22/12/24

PRODUCT	SAFRANAL
APPLICATIONS	Industrial raw material not intended for direct use.
IUPAC NAME	(2,6,6-TRIMETHYLCYCLOHEXA-1,3-DIENYL)-METHANAL
SYNONYMS	(2,6,6-TRIMETHYLCYCLOHEXA-1,3-DIENYL)-METHANAL
FORMULA	C ₁₀ H ₁₄ O
MOLECULAR WEIGHT	150,22
CAS	116-26-7
EINECS	204-133-7
FEMA	3389
CoE	10383
TARIFF NUMBER	2912290090

SPECIFICATIONS

ASPECT AT 20°C	CLEAR MOBILE LIQUID
COLOUR	YELLOW
ODOUR	SAFFRON,SWEET,GREEN,FLORAL,TOBACCO
DENSITY AT 20°C (g / ml)	0,962-0,978
DENSITY 25/25	-
REFRACTIVE INDEX nD20	1,5220-1,5320
REFRACTIVE INDEX nD25	-
OPTICAL ROTATION (°)	/
BOILING POINT (°C)	100 (3 mm Hg)
MELTING POINT (°C)	-
FLASH POINT (°C)	86
ASSAY (% GC)	> 92%; BETA-CYCLOCITRAL 0,3-5%
SOLUBILITY	INSOLUBLE IN WATER
VAPOUR PRESSURE	NOT DETERMINED
OTHER SOLUBILITIES	SOLUBLE IN ETHANOL

OTHER TECHNICAL DATA Purity percentages are without considering Tocopherol.

STABILITY AND STORAGE

KEEP IN TIGHTLY CLOSED CONTAINER IN A COOL AND DRY PLACE, PROTECTED FROM LIGHT. WHEN STORED FOR MORE THAN 12 MONTHS, QUALITY SHOULD BE CHECKED BEFORE USE.

PURGE HEADSPACE WITH NITROGEN. IT CONTAINS 0,1% OF ALPHA-TOCOPHEROL. KEEP REFRIGERATED(4°C APPROX.).

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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