

SPECIFICATION SHEET

VERSION 9 VERSION DATE 27/03/20 PRINT DATE 05/12/25

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 C₁₀ H₁₄ O
MOLECULAR WEIGHT 150,22
CAS 116-26-7
EINECS 204-133-7
FEMA 3389
CoE 10383
TARIFF NUMBER 2912290090

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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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