

SPECIFICATION SHEET

VERSION 3 VERSION DATE 22/08/25 PRINT DATE 14/04/26

PRODUCT	HYDROXYCITRONELLAL
APPLICATIONS	Industrial raw material not intended for direct use.
IUPAC NAME	7-HYDROXY-3,7-DIMETHYLOCTANAL
SYNONYMS	7-HIDROXI-3,7-DIMETILOCTANAL, LAURINAL
FORMULA	C ₁₀ H ₂₀ O ₂
MOLECULAR WEIGHT	172
CAS	107-75-5
EINECS	203-518-7
FEMA	2583
CoE	100
FDA	172.515
TARIFF NUMBER	2912490090
FOOD GRADE CERTIFICATE	AVAILABLE ON REQUEST

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ASPECT AT 20°C	CLEAR SLIGHT VISCOUS LIQUID
COLOUR	COLORLESS
ODOUR	FLORAL, LILY OF THE VALLEY, MUGUET
DENSITY AT 20°C (g / ml)	0,919-0,926
DENSITY 25/25	0,918-0,923
REFRACTIVE INDEX nD20	1,4470-1,4500
REFRACTIVE INDEX nD25	-
OPTICAL ROTATION (°)	/
BOILING POINT (°C)	240,49 (1013,25 hPa)
MELTING POINT (°C)	<-100°C
FLASH POINT (°C)	113
ASSAY (% GC)	> 98
SOLUBILITY	SPARINGLY SOLUBLE IN WATER
VAPOUR PRESSURE	1 mbar (20°C)
OTHER SOLUBILITIES	1:1 IN ETHANOL 50%. SOLUBLE IN ETHANOL 95°.

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.
PURGE HEADSPACE WITH NITROGEN.

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

Capital : 1.100.000 Euros · R.C.S.: GRASSE B 349 236 372 00026 TVA FR 03 349 236 372 APE 2053 Z

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