

SPECIFICATION SHEET

VERSION 3 **VERSION DATE** 22/08/25 **PRINT DATE** 29/11/25

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 C₁₀ H₂₀ O₂ **MOLECULAR WEIGHT** 172 **CAS** 107-75-5 **EINECS** 203-518-7 2583 **FEMA** 100 CoF FDΔ 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</td>

 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.