

SPECIFICATION SHEET

VERSION 9,00 **VERSION DATE** 19/09/22 **PRINT DATE** 04/05/24

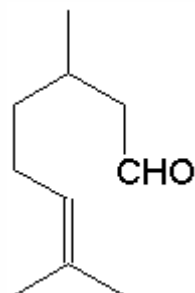
PRODUCT CITRONELLAL BASF
APPLICATIONS Industrial raw material not intended for direct use.
IUPAC NAME 3,7-DIMETHYL-6-OCTEN-1-AL
SYNONYMS 3,7-DIMETHYL-6-OCTEN-1-AL

FORMULA C₁₀ H₁₈ O
MOLECULAR WEIGHT 154,00
CAS 106-23-0

EINECS 203-376-6

FEMA 2307
TARIFF NUMBER 2912190090

FOOD GRADE CERTIFICATE AVAILABLE ON REQUEST
REACH REGISTRATION NO. 01-2119474900-37



SPECIFICATIONS

ASPECT AT 20°C	CLEAR MOBILE LIQUID
COLOUR	COLORLESS TO PALE YELLOW
ODOUR	CITRUS, CITRONELLA, HERBAL, ROSE
TASTE	
DENSITY AT 20°C (g / ml)	0,845 - 0,861
DENSITY 25/25	0,847 - 0,857
REFRACTIVE INDEX n_D20	1,4460 - 1,4560
REFRACTIVE INDEX n_D25	-
OPTICAL ROTATION (°)	-1,00 / 11,00
BOILING POINT (°C)	84-86 (13mbar); CA.206 (1 atm)
MELTING POINT (°C)	< -20
FLASH POINT (°C)	77,00
ASSAY (% GC)	SUM OF CITRONELLAL + ISOMER > 96
ACID VALUE (mg KOH/g)	< 3
SOLUBILITY	NEARLY INSOLUBLE IN WATER.
VAPOUR PRESSURE	NOT DETERMINED
OTHER SOLUBILITIES	SOLUBLE IN ETHANOL. 1:5 IN ETHANOL 70°.

OTHER TECHNICAL DATA

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. THERMAL DESCOMPOSITION > 200°C

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.