

SPECIFICATION SHEET

VERSION 9 VERSION DATE 19/09/22 PRINT DATE 03/08/25

PRODUCT	CITRONELLAL
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	C ₁₀ H ₁₈ O
MOLECULAR WEIGHT	154
CAS	106-23-0
EINECS	203-376-6
FEMA	2307
CoE	110
FDA	172.515
TARIFF NUMBER	2912190090
FOOD GRADE CERTIFICATE	AVAILABLE ON REQUEST

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ASPECT AT 20°C	CLEAR MOBILE LIQUID
COLOUR	COLORLESS TO PALE YELLOW
ODOUR	CITRUS, CITRONELLA, HERBAL, ROSE
DENSITY AT 20°C (g / ml)	0,845-0,861
DENSITY 25/25	0,847-0,857
REFRACTIVE INDEX n _D 20	1,4460-1,4560
REFRACTIVE INDEX n _D 25	-
OPTICAL ROTATION (°)	-1/11
BOILING POINT (°C)	84-86 (13mbar); CA.206 (1 atm)
MELTING POINT (°C)	< -20
FLASH POINT (°C)	77
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°.

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.

PRODASYNTH SAS

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