



SPECIFICATION SHEET

PRODUCT	CITRONELLYL FORMATE
IUPAC NAME	3,7-DIMETHYL-6-OCTEN-1-YL METHANOATE
SYNONYMS	3,7-DIMETHYL-6-OCTENYL FORMATE
FORMULA	C ₁₁ H ₂₀ O ₂
MOLECULAR WEIGHT	184
CAS	105-85-1
EINECS	203-338-9

SPECIFICATIONS

ASPECT AT 20° C	CLEAR MOBILE LIQUID
COLOUR	COLORLESS TO PALE YELLOWISH
ODOUR	STRONG, FRUITY, ROSE-LIKE
TASTE	SWEET, FRUITY
DENSITY @ 20° C (g / ml)	0.890 -0.905
DENSITY @ 25 ° C (g / ml)	0.89000 – 0.90300
REFRACTIVE INDEX n _D 20	1.4430-1.4490
BOILING POINT (°C)	235-237
FLASH POINT (°C)	93
ASSAY (% GC)	ISOMERS SUM > 90
ACID VALUE (max KOH/g)	< 3
SOLUBILITY	INSOLUBLE IN WATER
VAPOUR PRESSURE	0.030000 mm/Hg @ 25.00 °C.
OTHER SOLUBILITIES	SOLUBLE IN ETHANOL
OTHER TECHNICAL DATA	ALPHA-CITRONELLYL FORMATE 2-15% APPROX. BETA-CITRONELLYL FORMATE. 81-93 % APPROX ALPHA-CITRONELLYL FORMATE + BETA-CITRONELLYL FORMATE + CITRONELLOL >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.

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. LAKSHMI SYNTHESIS, INDIA SHALL NOT BE HELD FOR ANY DAMAGE OR INJURY RESULTING FROM CONTACT OR HANDLING WITH ABOVE.

M/S LAKSHMI SYNTHESIS

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