



SPECIFICATION SHEET

PRODUCT	CITRONELLYL BUTYRATE
IUPAC NAME	3,7-DIMETHYL-6-OCTEN-1-YL BUTYRATE
SYNONYMS	3,7-DIMETHYLOCT-6-ENYL BUTYRATE; 3,7-DIMETHYL-6-OCTEN-1-YL BUTYRATE
FORMULA	C ₁₄ H ₂₆ O
MOLECULAR WEIGHT	226
CAS	141-16-2
EINECS	205-463-4

SPECIFICATIONS

ASPECT AT 20° C	CLEAR MOBILE LIQUID
COLOUR	COLORLESS
ODOUR	STRONG, FRUITY, ROSE-LIKE
TASTE	SWEET
DENSITY @ 20° C (g / ml)	0.875 -0.885
DENSITY @ 25° C (g / ml)	0.880
REFRACTIVE INDEX n _D 20	1.4420-1.4480
OPTICAL ROTATION (°)	0 / 0
BOILING POINT (°C)	245 @ 76 mm Hg
FLASH POINT (°C)	101
ASSAY (% GC)	SUM OF TWO PEAKS > 95
ACID VALUE (max KOH/g)	>1
SOLUBILITY	INSOLUBLE IN WATER
VAPOUR PRESSURE	0.003000 mm/Hg @ 20.00° C
OTHER SOLUBILITIES	SOLUBLE 1:6 IN ETHANOL 60°
OTHER TECHNICAL DATA	MAJOR ISOMER BETA-CITRONELLYLBUTYRATE CAS 141-16-2, MINOR ISOMER RHODINYL BUTYRATE CAS 141-15-1 (ALPHA-CITRONELLYL BUTYRATE)

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.

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