



SPECIFICATION SHEET

PRODUCT	ALDEHYDE C-16
IUPAC NAME	ETHYL-ALPHA-BETA-EPOXY-BETA-METHYLPHENYLPROPIONATE
SYNONYMS	ETHYL-ALPHA-BETA-EPOXY-BETA-METHYLPHENYLPROPIONATE
FORMULA	C ₁₂ H ₁₄ O ₃
MOLECULAR WEIGHT	206.00
CAS	77-83-8
EINECS	201-061-8

SPECIFICATIONS

ASPECT AT 20° C	CLEAR MOBILE LIQUID
COLOUR	COLORLESS TO PALE YELLOW
ODOUR	FRUITY, STRAWBERRY LIKE
TASTE	-
DENSITY @ 20° C (g / ml)	1.084 -1.114
DENSITY 25/25	-
REFRACTIVE INDEX n _D 20	1.5040-1.5130
BOILING POINT (°C)	153-159°C
MELTING POINT (°C)	-
FLASH POINT (°C)	-111
ASSAY (% GC)	SUM > 98 (CIS:37-49; TRANS: 46-62)
ACID VALUE (max KOH/g)	-
SOLUBILITY	INSOLUBLE IN WATER
VAPOUR PRESSURE	0,18 mm Hg (97°C)
OTHER SOLUBILITIES	SOLUBLE IN ETHANOL
OTHER TECHNICAL DATA	ETHYL-2,3-EPOXY-3-PHENYLBUTYRATE

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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