

SPECIFICATION SHEET

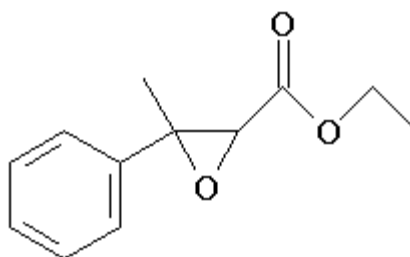
VERSION 5,00 **VERSION DATE** 29/10/21 **PRINT DATE** 18/05/24

PRODUCT ALDEHYDE C-16
APPLICATIONS Industrial raw material not intended for direct use.
IUPAC NAME ETHYL-ALPHA-BETA-EPOXY-BETA-METHYLPHENYLPROPIONATE
SYNONYMS ETHYL-ALPHA-BETA-EPOXY-BETA-METHYLPHENYLPROPIONATE

FORMULA C12 H14 O3
MOLECULAR WEIGHT 206,00
CAS 77-83-8

EINECS 201-061-8

FEMA 2444
TARIFF NUMBER 2918999015



FOOD GRADE CERTIFICATE AVAILABLE ON REQUEST
REACH REGISTRATION NO. 01-2119967770-28

SPECIFICATIONS

ASPECT AT 20°C CLEAR MOBILE LIQUID
COLOUR COLORLESS TO PALE YELLOW
ODOUR FRUITY, STRAWBERRY-LIKE
TASTE
DENSITY AT 20°C (g / ml) 1,088 - 1,094
DENSITY 25/25 1,086 - 1,096
REFRACTIVE INDEX nD20 1,5040 - 1,5070
REFRACTIVE INDEX nD25 -
OPTICAL ROTATION (°) /
BOILING POINT (°C) 153,0 - 159,0°C (20 mmHg)
MELTING POINT (°C) -
FLASH POINT (°C) 111,00
ASSAY (% GC) SUM > 98 (CIS:37-48; TRANS:46-62)
ACID VALUE (mg KOH/g) < 2
SOLUBILITY INSOLUBLE IN WATER
VAPOUR PRESSURE 0,18 mmHg (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. 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.