

## SPECIFICATION SHEET

VERSION 5      VERSION DATE 29/10/21      PRINT DATE 14/12/25

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  $C_{12}H_{14}O_3$   
MOLECULAR WEIGHT 206  
CAS 77-83-8  
EINECS 201-061-8  
FEMA 2444  
CoE 6002  
FDA 182.60  
TARIFF NUMBER 2918999015  
KOSHER CERTIFICATE AVAILABLE ON REQUEST  
FOOD GRADE CERTIFICATE AVAILABLE ON REQUEST

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ASPECT AT 20°C CLEAR MOBILE LIQUID  
COLOUR COLORLESS TO PALE YELLOW  
ODOUR FRUITY, STRAWBERRY-LIKE  
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  
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.

### PRODASYNTH SAS

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