

SPECIFICATION SHEET

VERSION 5 **VERSION DATE** 29/10/21 **PRINT DATE** 29/11/25

PRODUCT ALDEHYDE C-16

APPLICATIONS Industrial raw material not intended for direct use.

IUPAC NAMEETHYL-ALPHA-BETA-EPOXY-BETA-METHYLPHENYLPROPIONATESYNONYMSETHYL-ALPHA-BETA-EPOXY-BETA-METHYLPHENYLPROPIONATE

FORMULA $C_{12} H_{14} O_3$ **MOLECULAR WEIGHT** 206 **CAS** 77-83-8 201-061-8 **EINECS FEMA** 2444 6002 CoF FDΔ 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

SOLUBILITYINSOLUBLE IN WATERVAPOUR PRESSURE0,18 mmHg (97°C)OTHER SOLUBILITIESSOLUBLE 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.