

## SPECIFICATION SHEET

VERSION	5	VERSION DATE	29/10/21	PRINT DATE	13/01/26
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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 <sub>12</sub> H <sub>14</sub> O <sub>3</sub>
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 n <sub>D</sub> 20	1,5040-1,5070
REFRACTIVE INDEX n <sub>D</sub> 25	-
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
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## 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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