

## SPECIFICATION SHEET

VERSION 5      VERSION DATE 29/10/21      PRINT DATE 04/05/24

PRODUCT	ALDEHYDE C-16
APPLICATIONS	Industrial raw material not intended for direct use.
IUPAC NAME	ALFA-BETA-EPOXI-BETA-METILFENILPROPIONATO DE ETILO
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
FOOD GRADE CERTIFICATE	AVAILABLE ON REQUEST

## SPECIFICATIONS

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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