

SPECIFICATION SHEET

VERSION 6 VERSION DATE 25/11/21 PRINT DATE 17/07/24

PRODUCT	CINNAMATE D'ETHYLE
APPLICATIONS	Industrial raw material not intended for direct use.
IUPAC NAME	ETHYL 3-PHENYL-2-PROPENOATE
SYNONYMS	ETHYL BETA-PHENYLACRILATE
FORMULA	C ₁₁ H ₁₂ O ₂
MOLECULAR WEIGHT	176
CAS	103-36-6
EINECS	203-104-6
FEMA	2430
CoE	323
FDA	172.515
TARIFF NUMBER	2916399090
FOOD GRADE CERTIFICATE	AVAILABLE ON REQUEST

SPECIFICATIONS

ASPECT AT 20°C	CLEAR MOBILE LIQUID
COLOUR	COLORLESS TO PALE YELLOW
ODOUR	CINNAMON, BALSAMIC, FRUITY, HONEY
TASTE	SWEET, PEACH-LIKE
DENSITY AT 20°C (g / ml)	1,046-1,052
DENSITY 25/25	1,045-1,051
REFRACTIVE INDEX nD20	1,5580-1,5610
REFRACTIVE INDEX nD25	-
OPTICAL ROTATION (°)	/
BOILING POINT (°C)	271 - 272
MELTING POINT (°C)	12
FLASH POINT (°C)	135
ASSAY (% GC)	> 98
ACID VALUE (mg KOH/g)	< 1
SOLUBILITY	INSOLUBLE IN WATER
VAPOUR PRESSURE	NOT DETERMINED
OTHER SOLUBILITIES	SOLUBLE IN ETHANOL
OTHER TECHNICAL DATA	THIS SUBSTANCE CAN POLYMERIZE, PROCESS WHICH IS FAVOURED BY REPEATED MELTING. IT IS WISE TO DO A SOLUBILITY TEST 1:10 IN ETHANOL 96° BEFORE USING. AND STOCKING IT IN THE HOT CHAMBER AFTER BEING MELTED.

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.
DO SOLUBILITY TEST ETHANOL 96° BEFORE USING. IT CAN CONTAIN 0,01-0,05% OF ALPHA-TOCOPHEROL.

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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