

SPECIFICATION SHEET

VERSION 6 VERSION DATE 25/11/21 PRINT DATE 13/01/26

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

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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 n_{D20} 1,5580-1,5610
REFRACTIVE INDEX n_{D25} -
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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