

SPECIFICATION SHEET

VERSION 5 **VERSION DATE** 19/09/22 **PRINT DATE** 06/11/25

PRODUCT CINNAMATE DE METHYLE

APPLICATIONS Industrial raw material not intended for direct use.

IUPAC NAME METHYL CINNAMATE

SYNONYMS METHYL 3-PHENYLPROPENOATE

FORMULA C₁₀ H₁₀ O₂ **MOLECULAR WEIGHT** 162.19 CAS 103-26-4 1754-62-7 CAS 2 203-093-8 **EINECS FEMA** 2698 333 CoF **FDA** 172.515 TARIFF NUMBER 2916399090

SPECIFICATIONS

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ASPECT AT 20°C LIQUID / SOLID

COLOUR WHITE OR SLIGHTLY YELLOW

ODOUR SWEET, BALSAMIC WITH FRUITY NUANCES

TASTE FRUITY, STRAWBERRY-LIKE

DENSITY AT 20°C (g / ml) –
DENSITY 25/25 –
REFRACTIVE INDEX nD20 –
REFRACTIVE INDEX nD25 –
OPTICAL ROTATION (°) /

BOILING POINT (°C) 262°C (1013 mbar)

 MELTING POINT (°C)
 33 - 37

 FLASH POINT (°C)
 123

 ASSAY (% GC)
 > 98

 ACID VALUE (mg KOH/g)
 < 1</td>

SOLUBILITY IN WATER: 299 mg/l (20°C)

VAPOUR PRESSURE < 0,1 mbar (20°C)

OTHER SOLUBILITIES SOLUBLE 1:1 W/V IN ETHANOL 80%

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 9 MONTHS. QUALITY SHOULD BE CHECKED BEFORE USE.

DO SOLUBILITY TEST ETHANOL 96° BEFORE USING. IT MAY CONTAIN 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