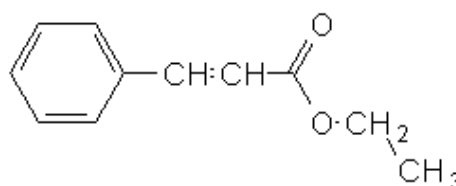


SPECIFICATION SHEET

VERSION 5 VERSION DATE 24/01/20 PRINT DATE 28/01/21

PRODUCT ETHYL CINNAMATE
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
REACH REGISTRATION NO. 01-2120105056-71



SPECIFICATIONS

ASPECT AT 20° C	CLEAR MOBILE LIQUID
COLOUR	COLORLESS TO PALE YELLOW
ODOUR	CINNAMON, BALSAMIC, FRUITY, HONEY
TASTE	SWEET, PEACH-LIKE
DENSITY A 20° C (g / ml)	1,046 - 1,052
DENSITY 25/25	1,045 - 1,051
REFRACTIVE INDEX nD20	1,558 - 1,561
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 0,00-0,05% 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.

PRODASYNTH SAS

Capital : 1.100.000 Euros · R.C.S.: GRASSE B 349 236 372 00026 TVA FR 03 349 236 372 APE 2053 Z

PI DES BOIS DE GRASSE 4 AV. JOSEPH HONORÉ ISNARD · 06130 GRASSE · FRANCE · Tel: +33 0493090011 · Fax: +33 0422130738 · e-mail: info@prodasynt.com