

## 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				
SYNOMYS	ETHYL BETA-PHENYLACRILATE				
FORMULA	<chem>C11H12O2</chem>				
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 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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