



SPECIFICATION SHEET

PRODUCT	CINNAMYL ACETATE
IUPAC NAME	3-PHENYL-2-PROPEN-1-YL ACETATE
SYNONYMS	3-PHENYL-2-PROPEN-1-YL ACETATE
FORMULA	C ₁₁ H ₁₂ O ₂
MOLECULAR WEIGHT	176.00
CAS	103-54-8
EINECS	203-121-9

SPECIFICATIONS

ASPECT AT 20° C	CLEAR MOBILE LIQUID
COLOUR	COLORLESS TO PALE YELLOW
ODOUR	SWEET, BALSAMIC, FLORAL, CINNAMON
TASTE	CINNAMON, CHOCOLATE, VANILLA, FATTY
DENSITY @ 20° C (g / ml)	1.046 -1.056
DENSITY @ 25° C (g / ml)	1.04800 to 1.05600
REFRACTIVE INDEX n _D 20	1.5390-1.5440
OPTICAL ROTATION (°)	0 / 0
BOILING POINT (°C)	262-265 @ 760mm Hg
MELTING POINT (°C)	-
FLASH POINT (°C)	118
ASSAY (% GC)	> 98
ACID VALUE (max KOH/g)	< 1
SOLUBILITY	INSOLUBLE IN WATER
VAPOUR PRESSURE	0.011000 mm/Hg @ 20.00 °C.
OTHER SOLUBILITIES	SOLUBLE IN ETHANOL

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.

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. LAKSHMI SYNTHESIS, INDIA SHALL NOT BE HELD FOR ANY DAMAGE OR INJURY RESULTING FROM CONTACT OR HANDLING WITH ABOVE.

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