



SPECIFICATION SHEET

PRODUCT	CINNAMYL ISOBUTYRATE
IUPAC NAME	[(E)-3-PHENYLPROP-2-ENYL] 2-METHYLPROPANOATE
SYNONYMS	CINNAMYL ESTER; CINNAMYL 2-METHYL PROPIONATE
FORMULA	C13 H16 O2
MOLECULAR WEIGHT	204.26
CAS	103-59-3
EINECS	203-126-6

SPECIFICATIONS

ASPECT AT 20° C	LIQUID
COLOUR	COLORLESS-PALE YELLOW
ODOUR	BALSAMIC, SWEET, SPICY
TASTE	FRUITY, SWEET
DENSITY @ 20° C (g / mL)	1.005-1.020
DENSITY 25/25	1.006-1.009
REFRACTIVE INDEX ND20	1.5240-1.5270
OPTICAL ROTATION (°)	-
BOILING POINT (°C)	295-297 @ 760 mm/Hg
MELTING POINT (°C)	-
FLASH POINT (°C)	123.00
ASSAY (% GC)	96.00-100.00 % SUM OF ISOMERS
ACID VALUE (max KOH/g)	3.00
SOLUBILITY	PRACTICALLY INSOLUBLE IN WATER
VAPOUR PRESSURE	0.002000 mm/Hg @ 20.00°C
OTHER SOLUBILITIES	-

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.

M/S LAKSHMI SYNTHESIS

PLOT NO. A/18 M.I.D.C. INDUSTRIAL AREA SAONER-441107, DISTRICT NAGPUR, MAHARASHTRA, INDIA.

CONTACT NO: 07113-236501.

WEBSITE: www.lakshmisynthesis.com

EMAIL ID: info@lakshmisynthesis.com; lakshmisynthesis@gmail.com