



SPECIFICATION SHEET

PRODUCT	CEYLANYLE (CINNAMYL NITRILE) SYNAROME
IUPAC NAME	STYRYL CYANIDE
SYNONYMS	CINNAMYL NITRILE, STYRYL CYANIDE, 3-PHENYL-2-PROPENE-NITRILE
FORMULA	C ₉ H ₇ N
MOLECULAR WEIGHT	129.00
CAS	4360-47-8
EINECS	224-441-5

SPECIFICATIONS

ASPECT AT 20° C	CLEAR MOBILE LIQUID
COLOUR	COLOR
ODOUR	SPICY, CINNAMON
DENSITY @ 20° C (g / ml)	1.023 -1.038
DENSITY @ 25 ° C (g / ml)	1.028-1.030
REFRACTIVE INDEX n _D 20	1.5990-1.6040
OPTICAL ROTATION (°)	0/0
BOILING POINT (°C)	254-255
MELTING POINT (°C)	18-20
FLASH POINT (°C)	111
ASSAY (% GC)	CIS < 10%; TRANS > 90 %; SUM > 96%
ACID VALUE (max KOH/g)	1.000
SOLUBILITY	INSOLUBLE IN WATER
VAPOUR PRESSURE	0.0229 mm Hg
OTHER SOLUBILITIES	SOLUBLE IN ETHANOL
OTHER TECHNICAL DATA	VERY STABLE NOTE, BRINGS TO COMPOUNDS A WARM, STRONG AND SPICY START WITH A CINNAMIC CHARACTER.

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

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