



SPECIFICATION SHEET

PRODUCT	CITRONELLYL NITRILE
IUPAC NAME	3,7-DIMETHYL-6-OCTENONITRILE
SYNONYMS	3,7-DIMETHYL-6-OCTENENITRILE, AGRUNITRILE
FORMULA	C ₁₀ H ₁₇ N
MOLECULAR WEIGHT	151
CAS	51566-62-2
EINECS	257-288-8

SPECIFICATIONS

ASPECT AT 20° C	CLEAR MOBILE LIQUID
COLOUR	COLORLESS TO PALE YELLOW
ODOUR	FRESH, CITRIC, FLORAL
TASTE	-
DENSITY @ 20° C (g / ml)	0.845 -0.849
DENSITY 25/25	0.842-0.846
REFRACTIVE INDEX n _D 20	1.4480-1.4500
OPTICAL ROTATION (°)	-
BOILING POINT (°C)	233
MELTING POINT (°C)	-20
FLASH POINT (°C)	122.00
ASSAY (% GC)	> 95
ACID VALUE (max KOH/g)	NOT MORE THAN 1.5
SOLUBILITY	INSOLUBLE IN WATER
VAPOUR PRESSURE	< 1 mmHg at 20°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.

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