



SPECIFICATION SHEET

PRODUCT	ALDEHYDE C-11 (UNDECYLENIC)
IUPAC NAME	10-UNDECEN-1-AL
SYNONYMS	ALDEHYDE C-111 LEN, 10-UNDECEN-1-AL
FORMULA	C ₁₁ H ₂₀ O
MOLECULAR WEIGHT	168.28
CAS	112-45-8
EINECS	203-973-1

SPECIFICATIONS

ASPECT AT 20° C	CLEAR MOBILE LIQUID
COLOUR	COLORLESS TO PALE YELLOW
ODOUR	POWERFUL, WAXY ROSY, FRESH, CITRUS
TASTE	CITRUS, GREENY, FRUITY, WAXY
DENSITY @ 20° C (g / ml)	0.840-0.845
DENSITY 25/25	0.840-0.8500
REFRACTIVE INDEX n _D 20	1.4410-1.4500
BOILING POINT (°C)	235 °C
MELTING POINT (°C)	-
FLASH POINT (°C)	76
ASSAY (% GC)	MAIN ISOMER > 95; SUM OF DECENALS > 97 < 5
ACID VALUE (max KOH/g)	5.00
SOLUBILITY	INSOLUBLE IN WATER
VAPOUR PRESSURE	0.0390 mm/Hg @ 25.00 °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.

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