

SPECIFICATION SHEET

VERSION 8,00 **VERSION DATE** 19/09/22 **PRINT DATE** 10/12/24

PRODUCT ALDEHYDE C-11 UNDECYLENIC
APPLICATIONS Industrial raw material not intended for direct use.
IUPAC NAME 10-UNDECENAL
SYNONYMS ALDEHYDE C-111 LEN, 10-UNDECEN-1-AL

FORMULA C11 H20 O
MOLECULAR WEIGHT 168,28
CAS 112-45-8

EINECS 203-973-1



FEMA 3095
TARIFF NUMBER 2912190090

FOOD GRADE CERTIFICATE AVAILABLE ON REQUEST
REACH REGISTRATION NO. 01-2119990746-20

SPECIFICATIONS

ASPECT AT 20°C	CLEAR MOBILE LIQUID
COLOUR	COLORLESS TO PALE YELLOW
ODOUR	POWERFUL WAXY ROSY, FRESH, CITRUS
TASTE	
DENSITY AT 20°C (g / ml)	0,840 - 0,845
DENSITY 25/25	0,840 - 0,850
REFRACTIVE INDEX nD20	1,4410 - 1,4440
REFRACTIVE INDEX nD25	-
OPTICAL ROTATION (°)	/
BOILING POINT (°C)	235°C
MELTING POINT (°C)	-
FLASH POINT (°C)	76,00
ASSAY (% GC)	MAIN ISOMER > 95; SUM OF DECENALS > 97
ACID VALUE (mg KOH/g)	< 5
SOLUBILITY	INSOLUBLE IN WATER
VAPOUR PRESSURE	NOT DETERMINED
OTHER SOLUBILITIES	SOLUBLE IN ETHANOL

OTHER TECHNICAL DATA

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.
 STABILIZED WITH 1000 ppm ALPHA-TOCOPHEROL. PURGE HEADSPACE WITH NITROGEN.

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. IT IS THE SOLE RESPONSIBILITY OF THE RECEIVER OF OUR PRODUCT TO COMPLY WITH EXISTING REGULATIONS AND INSTRUCTIONS.

THIS PRODUCT HAS NOT BEEN FILTERED DUE TO TECHNICAL REASONS. WE RECOMMEND NOT TO USE IT UNLESS FILTERED WHEN USED AS A RAW MATERIAL IN FOOD INTENDED FOR FINAL CONSUMERS.