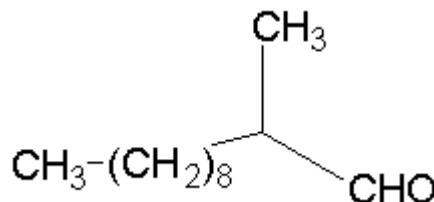


SPECIFICATION SHEET

VERSION 1,00 **VERSION DATE** 19/09/22 **PRINT DATE** 09/11/24

PRODUCT	ALDEHYDE C-12 MNA
APPLICATIONS	Industrial raw material not intended for direct use.
IUPAC NAME	2-METHYLUNDECANAL
SYNONYMS	METHYL NONYL ACETALDEHYDE, 2-METHYLUNDECANAL
FORMULA	C12 H24 O
MOLECULAR WEIGHT	184,36
CAS	110-41-8
EINECS	203-765-0
FEMA	2749
TARIFF NUMBER	2912190090
KOSHER CERTIFICATE	AVAILABLE ON REQUEST
FOOD GRADE CERTIFICATE	AVAILABLE ON REQUEST
REACH REGISTRATION NO.	01-2119969443-29



SPECIFICATIONS

ASPECT AT 20°C	CLEAR MOBILE LIQUID
COLOUR	COLORLESS TO PALE YELLOW
ODOUR	CITRIC,OZONE,AMBER,ORANGE,INCENSE
TASTE	FATTY, CITRUS, HONEY, NUT, FRUITY
DENSITY AT 20°C (g / ml)	0,821 - 0,831
DENSITY 25/25	0,822 - 0,830
REFRACTIVE INDEX nD20	1,4310 - 1,4360
REFRACTIVE INDEX nD25	-
OPTICAL ROTATION (°)	/
BOILING POINT (°C)	231
MELTING POINT (°C)	<-50°C (FREEZING POINT)
FLASH POINT (°C)	97,00
ASSAY (% GC)	> 97
ACID VALUE (mg KOH/g)	< 5
SOLUBILITY	SOLUBILITY IN WATER: 1,3 mg/L
VAPOUR PRESSURE	0,85 Pa (20°C)
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 12 MONTHS, QUALITY SHOULD BE CHECKED BEFORE USE.
STABILIZED WITH 500 PPM OF 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.