

SPECIFICATION SHEET

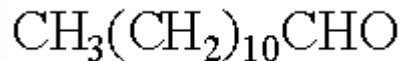
VERSION 3,00 **VERSION DATE** 03/02/23 **PRINT DATE** 17/07/24

PRODUCT ALDEHYDE C-12 LAURIC NATURAL
APPLICATIONS Industrial raw material not intended for direct use.
IUPAC NAME DODECANAL
SYNONYMS DODECANAL, DODECILIC ALDEHYDE

PLANT OF ORIGIN
PART OF THE PLANT
FORMULA C12 H24 O
MOLECULAR WEIGHT 184,32
CAS 112-54-9

EINECS 203-983-6

FEMA 2615
TARIFF NUMBER 2912190090



REACH REGISTRATION NO. Not available. Substance lawfully placed in the EU market before 1 June 2018.

SPECIFICATIONS

ASPECT AT 20°C	CLEAR MOBILE LIQUID/SOLID
COLOUR	COLORLESS TO PALE YELLOW
ODOUR	FATTY,CITRUS,GREEN,HERBAL,FLORAL
TASTE	CITRUS,ORANGE,MANDARIN,SOAPY,WAXY
DENSITY AT 20°C (g / ml)	0,827 - 0,839
DENSITY 25/25	0,826 - 0,836
REFRACTIVE INDEX nD20	1,4330 - 1,4390
REFRACTIVE INDEX nD25	-
OPTICAL ROTATION (°)	/
BOILING POINT (°C)	249
MELTING POINT (°C)	CA. 8-13
FLASH POINT (°C)	101,00
ASSAY (% GC)	>97
ACID VALUE (mg KOH/g)	<10
SOLUBILITY	INSOLUBLE IN WATER
VAPOUR PRESSURE	< 300 hPa (50°C)
OTHER SOLUBILITIES	SOLUBLE IN ETHANOL

OTHER TECHNICAL DATA LOW TEMPERATURES MAKE EASIER THE POLIMERIZATION OF THE PRODUCT WHICH GIVES SOLUBILITY PROBLEMS. IF IT MELTS AT HIGHER TEMPERATURES THAN SPECIFIED, IT HAS POLIMERIZED. QUALITY OF THE PRODUCT HAS TO BE CONTROLLED BEFORE EVERY USE OF THE PRODUCT.

STABILITY AND STORAGE

KEEP IN TIGHTLY CLOSED CONTAINER IN A COOL AND DRY PLACE, PROTECTED FROM LIGHT. WHEN STORED FOR MORE THAN 9 MONTHS, QUALITY SHOULD BE CHECKED BEFORE USE.
IT DOES NOT CONTAIN ADDITIVES. KEEP AT 15°C, 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.