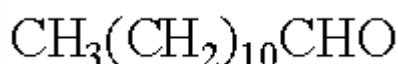


SPECIFICATION SHEET

VERSION	3,00	VERSION DATE	03/02/23	PRINT DATE	27/04/24
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	C ₁₂ H ₂₄ 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 n_D20	1,4330	- 1,4390
REFRACTIVE INDEX n_D25		-
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.