

SPECIFICATION SHEET

PRODUCT	ALDEHYDE C-12 LAURIC
APPLICATIONS	Industrial raw material not intended for direct use.
IUPAC NAME	DODECYLIC ALDEHYDE
SYNONYMS	DODECANAL, DODECILIC ALDEHYDE
FORMULA	C ₁₂ H ₂₄ O
MOLECULAR WEIGHT	184,32
CAS	112-54-9
EINECS	203-983-6
FEMA	2615
TARIFF NUMBER	2912190090
KOSHER CERTIFICATE	AVAILABLE ON REQUEST



SPECIFICATIONS

VERSION	5	VERSION DATE	14/07/20
ASPECT AT 20°C	CLEAR MOBILE LIQUID/SOLID		
COLOUR	COLORLESS TO PALE YELLOW		
ODOUR	FATTY,CITRUS,GREEN,HERBAL,FLORAL		
DENSITY AT 20°C (g / ml)	0,824–0,836		
DENSITY 25/25	–		
REFRACTIVE INDEX nD20	1,4320–1,4380		
REFRACTIVE INDEX nD25	–		
OPTICAL ROTATION (°)	/		
BOILING POINT (°C)	241		
MELTING POINT (°C)	CA. 8-12		
FLASH POINT (°C)	116		
ASSAY (% GC)	> 97		
ACID VALUE (mg KOH/g)	< 5		
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.
500-1000 ppm BENZOGUANAMINE, 500 ppm ALPHA-TOCOPHEROL. STORE 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.
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.