

## SPECIFICATION SHEET

**VERSION** 5,00 **VERSION DATE** 14/07/20 **PRINT DATE** 09/12/24

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

**FORMULA** C12 H24 O  
**MOLECULAR WEIGHT** 184,32  
**CAS** 112-54-9

**EINECS** 203-983-6



**FEMA** 2615  
**TARIFF NUMBER** 2912190090  
**KOSHER CERTIFICATE** AVAILABLE ON REQUEST

**REACH REGISTRATION NO.** 01-2119969441-33

### SPECIFICATIONS

<b>ASPECT AT 20°C</b>	CLEAR MOBILE LIQUID/SOLID
<b>COLOUR</b>	COLORLESS TO PALE YELLOW
<b>ODOUR</b>	FATTY,CITRUS,GREEN,HERBAL,FLORAL
<b>TASTE</b>	
<b>DENSITY AT 20°C (g / ml)</b>	0,824 - 0,836
<b>DENSITY 25/25</b>	-
<b>REFRACTIVE INDEX nD20</b>	1,4320 - 1,4380
<b>REFRACTIVE INDEX nD25</b>	-
<b>OPTICAL ROTATION (°)</b>	/
<b>BOILING POINT (°C)</b>	241
<b>MELTING POINT (°C)</b>	CA. 8-12
<b>FLASH POINT (°C)</b>	116,00
<b>ASSAY (% GC)</b>	> 97
<b>ACID VALUE (mg KOH/g)</b>	< 5
<b>SOLUBILITY</b>	INSOLUBLE IN WATER
<b>VAPOUR PRESSURE</b>	< 300 hPa (50°C)
<b>OTHER SOLUBILITIES</b>	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 BENZOQUANAMINE, 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.