

SPECIFICATION SHEET

VERSION 5,00 **VERSION DATE** 14/07/20 **PRINT DATE** 03/07/24

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

ASPECT AT 20°C CLEAR MOBILE LIQUID/SOLID
COLOUR COLORLESS TO PALE YELLOW
ODOUR FATTY,CITRUS, GREEN, HERBAL, FLORAL
TASTE
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) 116,00
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.