

SPECIFICATION SHEET

VERSION 4 VERSION DATE 19/09/22 PRINT DATE 28/01/26

PRODUCT ALDEHYDE C-10
APPLICATIONS Industrial raw material not intended for direct use.
IUPAC NAME DECANAL
SYNONYMS n-DECYL ALDEHYDE, CAPRINALDEHYDE, 1-DECANAL

FORMULA $C_{10}H_{20}O$
MOLECULAR WEIGHT 156,27
CAS 112-31-2
EINECS 203-957-4
FEMA 2362
CoE 98
FDA 182.60
TARIFF NUMBER 2912190090
KOSHER CERTIFICATE AVAILABLE ON REQUEST
FOOD GRADE CERTIFICATE AVAILABLE ON REQUEST

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ASPECT AT 20°C CLEAR MOBILE LIQUID
COLOUR COLORLESS TO PALE YELLOW
ODOUR STRONG, CITRUS PEEL ODOR
DENSITY AT 20°C (g / ml) 0,822–0,835
DENSITY 25/25 –
REFRACTIVE INDEX n_D^{20} 1,4270–1,4350
REFRACTIVE INDEX n_D^{25} –
OPTICAL ROTATION (°) /
BOILING POINT (°C) 208 - 210
MELTING POINT (°C) -5
FLASH POINT (°C) 82
ASSAY (% GC) > 97
ACID VALUE (mg KOH/g) < 10
SOLUBILITY INSOLUBLE IN WATER
VAPOUR PRESSURE < 0,15 mm Hg (20°C)
OTHER SOLUBILITIES SOLUBLE IN ETHANOL

STABILITY AND STORAGE

KEEP IN TIGHTLY CLOSED CONTAINER IN A COOL AND DRY PLACE, PROTECTED FROM LIGHT. WHEN STORED FOR MORE THAN 18 MONTHS, QUALITY SHOULD BE CHECKED BEFORE USE.
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.

PRODASYNTH SAS

Capital : 1.100.000 Euros · R.C.S.: GRASSE B 349 236 372 00026 TVA FR 03 349 236 372 APE 2053 Z

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