

SPECIFICATION SHEET

VERSION 4 **VERSION DATE** 19/09/22 **PRINT DATE** 01/12/25

PRODUCT ALDEHYDE C-10

APPLICATIONS Industrial raw material not intended for direct use.

IUPAC NAME DECANAL

SYNONYMS n-DECYL ALDEHYDE, CAPRINALDEHYDE, 1-DECANAL

FORMULA C₁₀ H₂₀ O **MOLECULAR WEIGHT** 156.27 **CAS** 112-31-2 203-957-4 **EINECS FEMA** 2362 98 CoF FDΔ 182 60 TARIFF NUMBER 2912190090

KOSHER CERTIFICATE AVAILABLE ON REQUEST **FOOD GRADE CERTIFICATE** AVAILABLE ON REQUEST

SPECIFICATIONS

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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 nD20 1,4270–1,4350

REFRACTIVE INDEX nD25 –
OPTICAL ROTATION (°) /

BOILING POINT (°C) 208 - 210

MELTING POINT (°C) -5

ELASH POINT (°C) 92

 FLASH POINT (°C)
 82

 ASSAY (% GC)
 > 97

 ACID VALUE (mg KOH/g)
 < 10</td>

SOLUBILITYINSOLUBLE IN WATERVAPOUR PRESSURE< 0,15 mm Hg (20°C)</th>OTHER SOLUBILITIESSOLUBLE 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.