

## SPECIFICATION SHEET

VERSION 4      VERSION DATE 19/09/22      PRINT DATE 12/06/26

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<sub>10</sub> H<sub>20</sub> 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 nD20 1,4270-1,4350  
REFRACTIVE INDEX nD25 -  
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

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