

SPECIFICATION SHEET

VERSION 4,00 **VERSION DATE** 19/09/22 **PRINT DATE** 17/07/24

PRODUCT ALDEHYDE C-10 KAO
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

EINECS 203-957-4

FEMA 2362
TARIFF NUMBER 2912190090
KOSHER CERTIFICATE AVAILABLE ON REQUEST
FOOD GRADE CERTIFICATE AVAILABLE ON REQUEST
REACH REGISTRATION NO. 01-2119967771-26



SPECIFICATIONS

ASPECT AT 20°C CLEAR MOBILE LIQUID
COLOUR COLORLESS TO PALE YELLOW
ODOUR STRONG, CITRUS PEEL ODOR
TASTE

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) 82,00
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

OTHER TECHNICAL DATA

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.