SPECIFICATION SHEET

VERSION	4	**VERSION DATE**	19/09/22	**PRINT DATE**	08/11/26

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

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
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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