

SPECIFICATION SHEET

VERSION 5 VERSION DATE 25/07/22 PRINT DATE 02/07/25

PRODUCT	ALDEHYDE C-14 (GAMMA-UNDECALACTONE) NATUREL
APPLICATIONS	Industrial raw material not intended for direct use.
IUPAC NAME	UNDECAN-4-OLIDE
SYNONYMS	PEACH ALDEHYDE, GAMMA-UNDECALACTONE
PART OF THE PLANT	EX-CASTOR OIL
FORMULA	C ₁₁ H ₂₀ O ₂
MOLECULAR WEIGHT	184
CAS	104-67-6
EINECS	203-225-4
FEMA	3091
CoE	179
FDA	172.515
TARIFF NUMBER	2932209090
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, SUGGESTIVE OF PEACH
TASTE	SWEET, SIMILAR TO PEACH
DENSITY AT 20°C (g / ml)	0,941-0,946
DENSITY 25/25	-
REFRACTIVE INDEX n _D 20	1,4500-1,4550
REFRACTIVE INDEX n _D 25	-
OPTICAL ROTATION (°)	-2/2
BOILING POINT (°C)	164 - 166 (13 mm)
MELTING POINT (°C)	-
FLASH POINT (°C)	113
ASSAY (% GC)	> 98
ACID VALUE (mg KOH/g)	< 5
SOLUBILITY	NEARLY INSOLUBLE IN WATER
VAPOUR PRESSURE	NOT DETERMINED
OTHER SOLUBILITIES	SOLUBLE IN ETHANOL
OTHER TECHNICAL DATA	This quality is racemic.

STABILITY AND STORAGE

KEEP IN TIGHTLY CLOSED CONTAINER IN A COOL AND DRY PLACE, PROTECTED FROM LIGHT. WHEN STORED FOR MORE THAN 12 MONTHS, QUALITY SHOULD BE CHECKED BEFORE USE.

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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