

SPECIFICATION SHEET

VERSION 5 VERSION DATE 25/07/22 PRINT DATE 21/12/25

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

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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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