

SPECIFICATION SHEET

VERSION VERSION DATE 25/07/22 **PRINT DATE** 05/11/25

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** C₁₁ H₂₀ O₂ **MOLECULAR WEIGHT** 184 CAS 104-67-6 203-225-4 **EINECS FEMA** 3091 179 CoF **FDA** 172.515

KOSHER CERTIFICATE **AVAILABLE ON REQUEST** FOOD GRADE CERTIFICATE **AVAILABLE ON REQUEST**

SPECIFICATIONS

TARIFF NUMBER

VERSION 5 **VERSION DATE** 25/07/22

ASPECT AT 20°C **CLEAR MOBILE LIQUID**

COLOUR COLORLESS TO PALE YELLOW ODOUR STRONG, SUGGESTIVE OF PEACH **TASTE** SWEET, SIMILAR TO PEACH

2932209090

DENSITY AT 20°C (g/ml) 0,941-0,946

DENSITY 25/25

REFRACTIVE INDEX nD20 1,4500-1,4550

REFRACTIVE INDEX nD25

OPTICAL ROTATION (°) -2/2

164 - 166 (13 mm) **BOILING POINT (°C)**

MELTING POINT (°C) FLASH POINT (°C) 113 > 98 ASSAY (% GC) 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 MOR<mark>E THAN</mark> 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.