

## SPECIFICATION SHEET

VERSION 3      VERSION DATE 02/08/11      PRINT DATE 15/08/20

**PRODUCT** ALDEHYDE C-14 (GAMMA-UNDECALACTONE), NATURAL  
**IUPAC NAME** UNDECAN-4-OLIDE  
**SYNONYMS** PEACH ALDEHYDE, GAMMA-UNDECALACTONE

**PART OF THE PLANT** EX-CASTOR OIL

**FORMULA** C<sub>11</sub> H<sub>20</sub> O<sub>2</sub>

**MOLECULAR WEIGHT** 184

**CAS** 104-67-6

**EINECS** 203-225-4

**FEMA** 3091

**CoE** 179

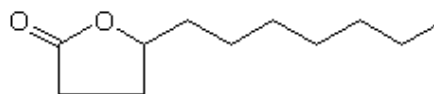
**FDA** 172.515

**TARIFF NUMBER** 2932209090

**KOSHER CERTIFICATE** AVAILABLE ON REQUEST

**FOOD GRADE CERTIFICATE** AVAILABLE ON REQUEST

**REACH REGISTRATION NO.** Exempt from registration  
 (imported/manufactured < 1 ton/year)



## SPECIFICATIONS

<b>ASPECT AT 20° C</b>	CLEAR OILY LIQUID
<b>COLOUR</b>	COLORLESS TO PALE YELLOW
<b>ODOUR</b>	STRONG, SUGGESTIVE OF PEACH
<b>TASTE</b>	SWEET, SIMILAR TO PEACH
<b>DENSITY A 20° C (g / ml)</b>	0,941 – 0,946
<b>REFRACTIVE INDEX nD20</b>	1,45 – 1,455
<b>OPTICAL ROTATION (°)</b>	-2 / 2
<b>BOILING POINT (°C)</b>	164 - 166 (13 mm)
<b>MELTING POINT (°C)</b>	-
<b>FLASH POINT (°C)</b>	160
<b>ASSAY (% GC)</b>	> 98
<b>ACID VALUE (mg KOH/g)</b>	-
<b>SOLUBILITY</b>	PRACTICALLY INSOLUBLE IN WATER
<b>VAPOUR PRESSURE</b>	NOT DETERMINED
<b>OTHER SOLUBILITIES</b>	SOLUBLE IN ETHANOL
<b>OTHER TECHNICAL DATA</b>	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.

### PRODASYNTH SAS

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