SPECIFICATION SHEET

VERSION	5	**VERSION DATE**	10/09/21	**PRINT DATE**	30/10/26

PRODUCT	GAMMA DECALACTONE
APPLICATIONS	Industrial raw material not intended for direct use.
IUPAC NAME	GAMMA-N-HEXYL-GAMMA-BUTYROLACTONE
SYNONYMS	1,4-DECANOLIDE
FORMULA	$C_{10}H_{18}O_2$
MOLECULAR WEIGHT	170
CAS	706-14-9
EINECS	211-892-8
FEMA	2360
CoE	2230
FDA	172.515
TARIFF NUMBER	2932209090
FOOD GRADE CERTIFICATE	AVAILABLE ON REQUEST

SPECIFICATIONS

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ASPECT AT 20°C	CLEAR MOBILE LIQUID
COLOUR	COLORLESS TO PALE YELLOW
ODOUR	FRUITY, PEACH, COCONUT, SWEET
TASTE	FRUITY, PEACH, APRICOT, CREAMY
DENSITY AT 20°C (g / ml)	0,952–0,957
DENSITY 25/25	0,949–0,954
REFRACTIVE INDEX nD20	1,4470–1,4510
REFRACTIVE INDEX nD25	–
OPTICAL ROTATION (°)	/
BOILING POINT (°C)	281
MELTING POINT (°C)	-
FLASH POINT (°C)	150
ASSAY (% GC)	> 98
ACID VALUE (mg KOH/g)	< 1
SOLUBILITY	1:3 IN ETHANOL 60°
VAPOUR PRESSURE	NOT DETERMINED
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 24 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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