

SPECIFICATION SHEET

VERSION	3	VERSION DATE	02/07/25	PRINT DATE	09/01/26
PRODUCT	GAMMA DODECALACTONE				
APPLICATIONS	Industrial raw material not intended for direct use.				
IUPAC NAME	GAMMA-N-OCTYL-GAMMA-N-BUTYROLACTONE				
SYNOMYS	DODECANOLIDE-1, GAMMA-N-OCTYL-GAMMA-N-BUTYROLACTONE				
FORMULA	<chem>C12H22O2</chem>				
MOLECULAR WEIGHT	198				
CAS	2305-05-7				
EINECS	218-971-6				
FEMA	2400				
CoE	2240				
FDA	172.515				
TARIFF NUMBER	2932209090				
FOOD GRADE CERTIFICATE	AVAILABLE ON REQUEST				

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ASPECT AT 20°C	CLEAR MOBILE LIQUID / SOLID		
COLOUR	COLORLESS TO PALE YELLOW		
ODOUR	FATTY, FRUITY		
TASTE	BUTTERY, PEACH-LIKE		
DENSITY AT 20°C (g / ml)	0,926-0,946		
DENSITY 25/25	-		
REFRACTIVE INDEX nD20	1,4510-1,4550		
REFRACTIVE INDEX nD25	-		
OPTICAL ROTATION (°)	/		
BOILING POINT (°C)	291		
MELTING POINT (°C)	CA. 7		
FLASH POINT (°C)	120		
ASSAY (% GC)	> 98		
ACID VALUE (mg KOH/g)	< 1		
SOLUBILITY	INSOLUBLE IN WATER		
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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