

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
SYNONYMS	DODECANOLIDE-1, GAMMA-N-OCTYL-GAMMA-N-BUTYROLACTONE
FORMULA	$C_{12}H_{22}O_2$
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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