

SPECIFICATION SHEET

VERSION 2 VERSION DATE 19/09/22 PRINT DATE 10/08/24

PRODUCT	GAMMA BUTYROLACTONE
APPLICATIONS	Industrial raw material not intended for direct use.
IUPAC NAME	GAMMA-BUTYROLACTONE
SYNONYMS	GAMMA-N-BUTYROLACTONE, DIHYDRO-2(3H)-FURANONE, OXOLAN-2-ONE, 1,4-BUTANOLIDE
FORMULA	C ₄ H ₆ O ₂
MOLECULAR WEIGHT	86
CAS	96-48-0
EINECS	202-509-5
FEMA	3291
CoE	615c
TARIFF NUMBER	2932202000
FOOD GRADE CERTIFICATE	AVAILABLE ON REQUEST

SPECIFICATIONS

ASPECT AT 20°C	CLEAR MOBILE LIQUID
COLOUR	COLORLESS TO PALE YELLOW
ODOUR	SWEET, AROMATIC, CREAMY
TASTE	SWEET,CARAMEL,MILKY,CREAMY,PEACH
DENSITY AT 20°C (g / ml)	1,123-1,133
DENSITY 25/25	-
REFRACTIVE INDEX nD20	1,4300-1,4400
REFRACTIVE INDEX nD25	-
OPTICAL ROTATION (°)	/
BOILING POINT (°C)	204
MELTING POINT (°C)	-44
FLASH POINT (°C)	93
ASSAY (% GC)	> 98
ACID VALUE (mg KOH/g)	< 2
SOLUBILITY	SOL. IN WATER, PROPYLENE GLYCOL, ALCOHOL AND OILS
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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