

## SPECIFICATION SHEET

VERSION	2	VERSION DATE	19/09/22	PRINT DATE	16/04/25
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 <sub>4</sub> H <sub>6</sub> O <sub>2</sub>				
MOLECULAR WEIGHT	86				
CAS	96-48-0				
EINECS	202-509-5				
FEMA	3291				
CoE	615c				
TARIFF NUMBER	2932202000				
FOOD GRADE CERTIFICATE	AVAILABLE ON REQUEST				

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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 n <sub>D</sub> 20	1,4300–1,4400		
REFRACTIVE INDEX n <sub>D</sub> 25	–		
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

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