SPECIFICATION SHEET

VERSION	3	**VERSION DATE**	06/03/24	**PRINT DATE**	31/10/26

PRODUCT	GAMMA OCTALACTONE
APPLICATIONS	Industrial raw material not intended for direct use.
IUPAC NAME	GAMMA-N-BUTYL-GAMMA-BUTYROLACTONE
SYNONYMS	OCTANOLIDE-1,4
FORMULA	$C_8 H_{14} O_2$
MOLECULAR WEIGHT	142
CAS	104-50-7
EINECS	203-208-1
FEMA	2796
CoE	2274
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
ODOUR	COCONUT
TASTE	SWEET, COCONUT LIKE
DENSITY AT 20°C (g / ml)	0,973–0,983
DENSITY 25/25	–
REFRACTIVE INDEX nD20	1,4430–1,4470
REFRACTIVE INDEX nD25	–
OPTICAL ROTATION (°)	-1/1
BOILING POINT (°C)	98°C (4 mm Hg)
MELTING POINT (°C)	-
FLASH POINT (°C)	111
ASSAY (% GC)	> 98
ACID VALUE (mg KOH/g)	< 2
SOLUBILITY	SOLUBILITY IN WATER: 3,6 g/L (25°C)
VAPOUR PRESSURE	0,07 mm Hg (20°C)
OTHER SOLUBILITIES	SOLUBLE IN ETHANOL. 1:1 IN ETHANOL 70°

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.
PURGE HEADSPACE WITH NITROGEN.

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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