

SPECIFICATION SHEET

VERSION 3 VERSION DATE 06/03/24 PRINT DATE 19/04/24

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

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 n_D^{20} 1,4430-1,4470
REFRACTIVE INDEX n_D^{25} -
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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