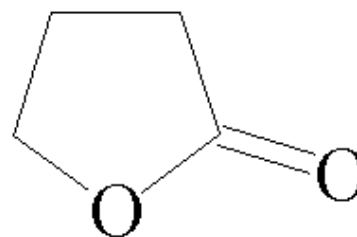


SPECIFICATION SHEET

VERSION 2 VERSION DATE 21/02/08 PRINT DATE 20/02/20

PRODUCT	GAMMA BUTYROLACTONE
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
REACH REGISTRATION NO.	Exempt from registration (imported/manufactured < 1 ton/year)



SPECIFICATIONS

ASPECT AT 20° C	CLEAR MOBILE LIQUID
COLOUR	COLORLESS TO PALE YELLOW
ODOUR	SWEET, AROMATIC, CREAMY
DENSITY A 20° C (g / ml)	1,123 - 1,133
REFRACTIVE INDEX nD20	1,43 - 1,44
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.

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

PI DES BOIS DE GRASSE 4 AV. JOSEPH HONORÉ ISNARD · 06130 GRASSE · FRANCE · Tel: +33 0493090011 · Fax: +33 0422130738 · e-mail: info@prodasynt.com