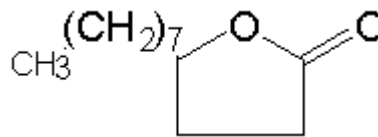


SPECIFICATION SHEET

VERSION 1,00 **VERSION DATE** 08/10/01 **PRINT DATE** 20/09/20

PRODUCT	GAMMA-DODECALACTONE NATURAL BESTALLY
APPLICATIONS	Raw material for industrial use intended for the manufacture of flavours and/or fragrances.
IUPAC NAME	GAMMA-N-OCTYL-GAMMA-N-BUTYROLACTONE NATURAL
SYNONYMS	DODECANOLIDE, GAMMA-N-OCTYL-GAMMA-N-BUTYROLACTONE
PLANT OF ORIGIN	Cocos nucifera
PART OF THE PLANT	
FORMULA	C12 H22 O2
MOLECULAR WEIGHT	198,00
CAS	2305-05-7
EINECS	218-971-6
FEMA	2400
TARIFF NUMBER	2932209090
KOSHER CERTIFICATE	AVAILABLE ON REQUEST
FOOD GRADE CERTIFICATE	AVAILABLE ON REQUEST
REACH REGISTRATION NO.	On request. REACH and non-REACH material available for this product.



SPECIFICATIONS

ASPECT AT 20° C	CLEAR MOBILE LIQUID
COLOUR	COLORLESS TO PALE YELLOW
ODOUR	PEACH, PEAR, FRUITY
TASTE	
DENSITY A 20° C (g / ml)	0,936 - 0,941
DENSITY 25/25	0,933 - 0,938
REFRACTIVE INDEX nD20	1,4510 - 1,4560
REFRACTIVE INDEX nD25	-
OPTICAL ROTATION (°)	/
BOILING POINT (°C)	130-132
MELTING POINT (°C)	17-18
FLASH POINT (°C)	109,00
ASSAY (% GC)	> 98
ACID VALUE (mg KOH/g)	< 1
SOLUBILITY	INSOLUBLE IN WATER
VAPOUR PRESSURE	NOT DETERMINED
OTHER SOLUBILITIES	SOLUBLE IN ETHANOL
OTHER TECHNICAL DATA	RACEMIC QUALITY.

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 TECHNOLOGICAL REASONS. WE RECOMMEND NOT TO USE IT UNLESS FILTERED WHEN USED AS A RAW MATERIAL IN FOOD INTENDED FOR FINAL CONSUMERS.