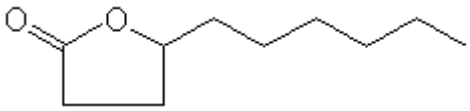
SPECIFICATION SHEET

VERSION	1,00	**VERSION DATE**	19/09/22	**PRINT DATE**	04/07/24

PRODUCT	DECALACTONE GAMMA NATURAL, OPTICAL ACTIVE
APPLICATIONS	Industrial raw material not intended for direct use.
IUPAC NAME	GAMMA-N-HEXYL-GAMMA-BUTYROLACTONE
SYNONYMS	1,4-DECANOLIDE, 5-HEXYLOXOLAN-2-ONE
PLANT OF ORIGIN	
PART OF THE PLANT	
FORMULA	C10 H18 O2
MOLECULAR WEIGHT	170,25
CAS	706-14-9
EINECS	211-892-8
FEMA	2360
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 20ºC	CLEAR MOBILE LIQUID	
COLOUR	COLORLESS TO PALE YELLOW	
ODOUR	FRUITY, PEACH, COCONUT, SWEET	
TASTE	FRUITY, PEACH, APRICOT, CREAMY	
DENSITY AT 20ºC (g / ml)	0,952	- 0,957
DENSITY 25/25	0,949	- 0,954
REFRACTIVE INDEX nD20	1,4470	- 1,4510
REFRACTIVE INDEX nD25		-
OPTICAL ROTATION (º)	38,00	/ 45,00
BOILING POINT (ºC)	281	
MELTING POINT (ºC)	-	
FLASH POINT (ºC)	113,00	
ASSAY (% GC)	> 98	
ACID VALUE (mg KOH/g)	<1	
SOLUBILITY	INSOLUBLE IN WATER	
VAPOUR PRESSURE	NOT DETERMINED	
OTHER SOLUBILITIES	SOLUBLE IN ETHANOL 1:1.	
OTHER TECHNICAL DATA	OPTICALLY ACTIVE QUALITY, MAIN ISOMER: DEXTRO.	

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.