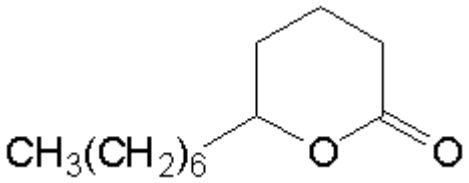
SPECIFICATION SHEET

VERSION	1,00	**VERSION DATE**	23/07/21	**PRINT DATE**	28/03/24

PRODUCT	DELTA-DODECALACTONE US NATURAL
APPLICATIONS	Industrial raw material not intended for direct use.
IUPAC NAME	N-HEPTYL-DELTA-VALEROLACTONE
SYNONYMS	1,5-DODECANOLIDE, 5-HYDROXYDODECANOIC ACID DELTA LACTONE
PLANT OF ORIGIN	Cocos nucifera
PART OF THE PLANT	
FORMULA	C12 H22 O2
MOLECULAR WEIGHT	198,30
CAS	713-95-1
EINECS	211-932-4
FEMA	2401
TARIFF NUMBER	2932209030



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 VISCOUS LIQUID
COLOUR	COLORLESS TO PALE YELLOW
ODOUR	FRUITY,COCONUT,BUTTER,PEACH,APRICOT
TASTE	CREAMY,DAIRY,BUTTERY,PEACH,NUTTY
DENSITY AT 20ºC (g / ml)	0,942 - 0,952
DENSITY 25/25	0,942 - 0,950
REFRACTIVE INDEX nD20	1,4580 - 1,4610
REFRACTIVE INDEX nD25	-
OPTICAL ROTATION (º)	/
BOILING POINT (ºC)	285
MELTING POINT (ºC)	
FLASH POINT (ºC)	171,00
ASSAY (% GC)	> 98
ACID VALUE (mg KOH/g)	< 8
SOLUBILITY	INSOLUBLE IN WATER
VAPOUR PRESSURE	NOT DETERMINED
OTHER SOLUBILITIES	SOLUBLE IN ETHANOL
OTHER TECHNICAL DATA	This quality is racemic.

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.
EXPOSED TO WATER, THE LACTONE WILL HYDROLYSE AND IT MAY POLYMERIZE.

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.