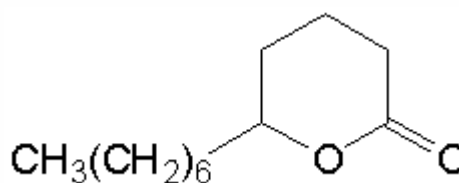


SPECIFICATION SHEET

VERSION	1,00	VERSION DATE	23/07/21	PRINT DATE	27/04/24
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	C ₁₂ H ₂₂ O ₂				
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 20°C	CLEAR VISCOUS LIQUID	
COLOUR	COLORLESS TO PALE YELLOW	
ODOUR	FRUITY, COCONUT, BUTTER, PEACH, APRICOT	
TASTE	CREAMY, DAIRY, BUTTERY, PEACH, NUTTY	
DENSITY AT 20°C (g / ml)	0,942	- 0,952
DENSITY 25/25	0,942	- 0,950
REFRACTIVE INDEX n_{D20}	1,4580	- 1,4610
REFRACTIVE INDEX n_{D25}		-
OPTICAL ROTATION (°)		/
BOILING POINT (°C)	285	
MELTING POINT (°C)		
FLASH POINT (°C)	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.