

SPECIFICATION SHEET

VERSION	1	VERSION DATE	19/09/22	PRINT DATE	13/01/26
PRODUCT	DELTA DODECALACTONE				
APPLICATIONS	Industrial raw material not intended for direct use.				
IUPAC NAME	N-HEPTYL-DELTA-VALEROLACTONE				
SYNOMYS	1,5-DODECANOLIDE				
FORMULA	<chem>C12H22O2</chem>				
MOLECULAR WEIGHT	198				
CAS	713-95-1				
EINECS	211-932-4				
FEMA	2401				
CoE	624				
FDA	172.515				
TARIFF NUMBER	2932209030				
FOOD GRADE CERTIFICATE	AVAILABLE ON REQUEST				

SPECIFICATIONS

VERSION	1	VERSION DATE	19/09/22
ASPECT AT 20°C	CLEAR MOBILE LIQUID		
COLOUR	COLORLESS TO 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	-		
REFRACTIVE INDEX nD20	1,4580-1,4610		
REFRACTIVE INDEX nD25	-		
OPTICAL ROTATION (°)	/		
BOILING POINT (°C)	285		
MELTING POINT (°C)	-7		
FLASH POINT (°C)	171		
ASSAY (% GC)	> 98		
ACID VALUE (mg KOH/g)	< 8		
SOLUBILITY	INSOLUBLE IN WATER		
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.
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.

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@prodasynth.com