

## SPECIFICATION SHEET

VERSION 1      VERSION DATE 19/09/22      PRINT DATE 26/04/24

PRODUCT	DELTA DODECALACTONE
APPLICATIONS	Industrial raw material not intended for direct use.
IUPAC NAME	N-HEPTYL-DELTA-VALEROLACTONE
SYNONYMS	1,5-DODECANOLIDE
FORMULA	C <sub>12</sub> H <sub>22</sub> O <sub>2</sub>
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

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

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