

SPECIFICATION SHEET

VERSION 1 **VERSION DATE** 19/09/22 **PRINT DATE** 29/11/25

PRODUCT DELTA DODECALACTONE

APPLICATIONS Industrial raw material not intended for direct use.

IUPAC NAME N-HEPTYL-DELTA-VALEROLACTONE

SYNONYMS 1,5-DODECANOLIDE

FORMULA C₁₂ H₂₂ O₂ **MOLECULAR WEIGHT** 198 **CAS** 713-95-1 211-932-4 **EINECS FEMA** 2401 CoF 624 172.515 FDΔ TARIFF NUMBER 2932209030

FOOD GRADE CERTIFICATE AVAILABLE ON REQUEST

SPECIFICATIONS

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ASPECT AT 20°C CLEAR MOBILE LIQUID COLOUR COLORLESS TO YELLOW

ODOURFRUITY,COCONUT,BUTTER,PEACH,APRICOTTASTECREAMY,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</td>

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.