

SPECIFICATION SHEET

VERSION 2,00 **VERSION DATE** 31/05/22 **PRINT DATE** 17/07/24

PRODUCT DELTA-DODECALACTONE CHIRAL NATURAL EU BESTALLY
APPLICATIONS Industrial raw material not intended for direct use.
IUPAC NAME N-HEPTYL-DELTA-VALEROLACTONE
SYNONYMS 1,5-DODECANOLIDE, 5-HYDROXYDODECANOIC ACID DELTA LACTONE

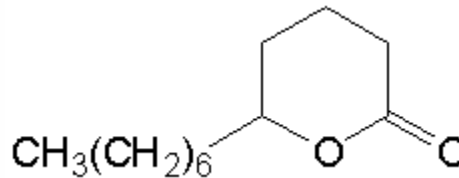
PLANT OF ORIGIN
PART OF THE PLANT

FORMULA C12 H22 O2
MOLECULAR WEIGHT 198,30
CAS 713-95-1

EINECS 211-932-4

FEMA 2401
TARIFF NUMBER 2932209030
KOSHER CERTIFICATE AVAILABLE ON REQUEST
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 YELLOW
ODOUR FRUITY, COCONUT, BUTTER, PEACH, APRICOT
TASTE CREAMY, DAIRY, BUTTERY, PEACH, NUTTY
DENSITY AT 20°C (g / ml) 0,944 - 0,952
DENSITY 25/25 0,942 - 0,950
REFRACTIVE INDEX nD20 1,4580 - 1,4610
REFRACTIVE INDEX nD25 -
OPTICAL ROTATION (°) 35,00 / 50,00
BOILING POINT (°C) 140 - 141 (1,3 hPa)
MELTING POINT (°C) -12
FLASH POINT (°C) 113,00
ASSAY (% GC) > 98
ACID VALUE (mg KOH/g) < 8
SOLUBILITY INSOLUBLE IN WATER
VAPOUR PRESSURE NOT DETERMINED
OTHER SOLUBILITIES SOLUBLE 1:1 IN ETHANOL 95%

OTHER TECHNICAL DATA CHIRAL QUALITY.

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.