

SPECIFICATION SHEET

VERSION 3,00 **VERSION DATE** 07/02/23 **PRINT DATE** 26/04/24

PRODUCT DODECALACTONE GAMMA NATURAL CHIRAL BESTALLY
APPLICATIONS Industrial raw material not intended for direct use.
IUPAC NAME GAMMA-N-OCTYL-GAMMA-N-BUTYROLACTONE
SYNONYMS DODECANOLIDE, GAMMA-N-OCTYL-GAMMA-N-BUTYROLACTONE

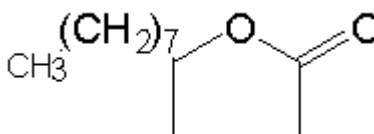
PLANT OF ORIGIN
PART OF THE PLANT

FORMULA C₁₂ H₂₂ O₂
MOLECULAR WEIGHT 198,31
CAS 2305-05-7

EINECS 218-971-6

FEMA 2400
TARIFF NUMBER 2932209090
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 MOBILE LIQUID / SOLID
COLOUR COLORLESS TO PALE YELLOW
ODOUR PEACH, PEAR, FRUITY

TASTE
DENSITY AT 20°C (g / ml) 0,935 - 0,940
DENSITY 25/25 -
REFRACTIVE INDEX n_D20 1,4510 - 1,4560
REFRACTIVE INDEX n_D25 -
OPTICAL ROTATION (°) 30,00 / 42,00
BOILING POINT (°C) 130-132 (2 hPa)
MELTING POINT (°C) 17-18
FLASH POINT (°C) 109,00
ASSAY (% GC) > 98
ACID VALUE (mg KOH/g) < 1
SOLUBILITY INSOLUBLE IN WATER
VAPOUR PRESSURE NOT DETERMINED
OTHER SOLUBILITIES SOLUBLE 1:1 IN ETHANOL 95%

OTHER TECHNICAL DATA CHIRAL QUALITY WITH RATIO D:L 95:5 APPROX.

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.

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.