

SPECIFICATION SHEET

VERSION 1,00 **VERSION DATE** 19/09/22 **PRINT DATE** 17/07/24

PRODUCT DECALACTONE GAMMA NATURAL, OPTICAL ACTIVE
APPLICATIONS Industrial raw material not intended for direct use.
IUPAC NAME GAMMA-N-HEXYL-GAMMA-BUTYROLACTONE
SYNONYMS 1,4-DECANOLIDE, 5-HEXYLOXOLAN-2-ONE

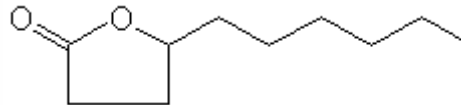
PLANT OF ORIGIN
PART OF THE PLANT

FORMULA C10 H18 O2
MOLECULAR WEIGHT 170,25
CAS 706-14-9

EINECS 211-892-8

FEMA 2360
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
COLOUR	COLORLESS TO PALE YELLOW
ODOUR	FRUITY, PEACH, COCONUT, SWEET
TASTE	FRUITY, PEACH, APRICOT, CREAMY
DENSITY AT 20°C (g / ml)	0,952 - 0,957
DENSITY 25/25	0,949 - 0,954
REFRACTIVE INDEX nD20	1,4470 - 1,4510
REFRACTIVE INDEX nD25	-
OPTICAL ROTATION (°)	38,00 / 45,00
BOILING POINT (°C)	281
MELTING POINT (°C)	-
FLASH POINT (°C)	113,00
ASSAY (% GC)	> 98
ACID VALUE (mg KOH/g)	<1
SOLUBILITY	INSOLUBLE IN WATER
VAPOUR PRESSURE	NOT DETERMINED
OTHER SOLUBILITIES	SOLUBLE IN ETHANOL 1:1.

OTHER TECHNICAL DATA OPTICALLY ACTIVE QUALITY, MAIN ISOMER: DEXTRO.

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.