

SPECIFICATION SHEET

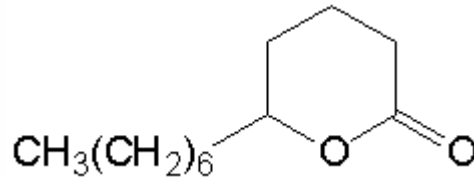
VERSION 1,00 **VERSION DATE** 19/09/22 **PRINT DATE** 24/07/24

PRODUCT DODECALACTONE DELTA
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 198,00
CAS 713-95-1

EINECS 211-932-4

FEMA 2401
TARIFF NUMBER 2932209030



FOOD GRADE CERTIFICATE AVAILABLE ON REQUEST
REACH REGISTRATION NO. 01-2119958757-17

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 n_D20	1,4580 - 1,4610
REFRACTIVE INDEX n_D25	-
OPTICAL ROTATION (°)	/
BOILING POINT (°C)	285
MELTING POINT (°C)	-7
FLASH POINT (°C)	171,00
ASSAY (% GC)	> 98
ACID VALUE (mg KOH/g)	< 8
SOLUBILITY	INSOLUBLE IN WATER
VAPOUR PRESSURE	NOT DETERMINED
OTHER SOLUBILITIES	SOLUBLE IN ETHANOL

OTHER TECHNICAL DATA

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.