

SPECIFICATION SHEET

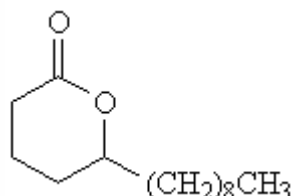
VERSION 1,00 **VERSION DATE** 16/04/24 **PRINT DATE** 05/05/24

PRODUCT TETRADECALACTONE DELTA
APPLICATIONS Industrial raw material not intended for direct use.
IUPAC NAME TETRAHYDRO-6-NONYL-2H-PYRAN-2-ONE
SYNONYMS 5-HYDROXY-TETRADECANOIC ACID LACTONE; (1.5)-TETRADECANOLIDE

FORMULA C14 H26 O2
MOLECULAR WEIGHT 226,36
CAS 2721-22-4

EINECS 220-334-2

FEMA 3590
TARIFF NUMBER 2932209090



FOOD GRADE CERTIFICATE AVAILABLE ON REQUEST
REACH REGISTRATION NO. Exempt from registration (imported/manufactured < 1 ton/year)

SPECIFICATIONS

ASPECT AT 20°C	CLEAR MOBILE LIQUID / SOLID	
COLOUR	COLORLESS TO PALE YELLOW	
ODOUR	FRUITY, OILY, CARAMELLIC	
TASTE		
DENSITY AT 20°C (g / ml)	0,933	- 0,939
DENSITY 25/25		-
REFRACTIVE INDEX nD20	1,4600	- 1,4630
REFRACTIVE INDEX nD25		-
OPTICAL ROTATION (°)		/
BOILING POINT (°C)	290	
MELTING POINT (°C)	CA. 15	
FLASH POINT (°C)	175,00	
ASSAY (% GC)	> 98	
ACID VALUE (mg KOH/g)	< 2	
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.