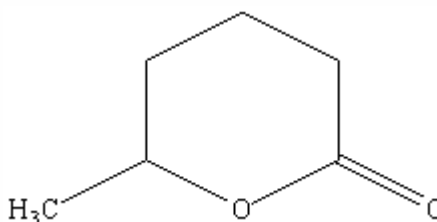


SPECIFICATION SHEET

VERSION 2,00 **VERSION DATE** 19/09/22 **PRINT DATE** 05/05/24

PRODUCT	HEXALACTONE DELTA FIRMENICH 944631
APPLICATIONS	Industrial raw material not intended for direct use.
IUPAC NAME	TETRAHYDRO-6-METHYL-2H-PYRAN-2-ONE
SYNONYMS	(1.5)-HEXANOLIDE; 5-HYDROXY-HEXANOIC ACID LACTONE
FORMULA	C6 H10 O2
MOLECULAR WEIGHT	114,14
CAS	823-22-3
EINECS	212-511-8
FEMA	3167
TARIFF NUMBER	2932209090
KOSHER CERTIFICATE	AVAILABLE ON REQUEST
FOOD GRADE CERTIFICATE	AVAILABLE ON REQUEST
REACH REGISTRATION NO.	Exempt from registration (according to article 2.5 of REACH)



SPECIFICATIONS

ASPECT AT 20°C	CLEAR MOBILE LIQUID / SOLID
COLOUR	COLORLESS TO PALE YELLOW
ODOUR	CREAMY, FRUITY, COCONUT
TASTE	
DENSITY AT 20°C (g / ml)	1,045 - 1,051
DENSITY 25/25	1,044 - 1,050
REFRACTIVE INDEX nD20	1,4490 - 1,4530
REFRACTIVE INDEX nD25	1,4470 - 1,4510
OPTICAL ROTATION (°)	/
BOILING POINT (°C)	231
MELTING POINT (°C)	CA. 18
FLASH POINT (°C)	105,00
ASSAY (% GC)	> 98
ACID VALUE (mg KOH/g)	< 5
SOLUBILITY	SLIGHTLY SOLUBLE 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.
HUMIDITY FAVOURS POLYMERIZATION.

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 TECHNOLOGICAL REASONS. WE RECOMMEND NOT TO USE IT UNLESS FILTERED WHEN USED AS A RAW MATERIAL IN FOOD INTENDED FOR FINAL CONSUMERS.