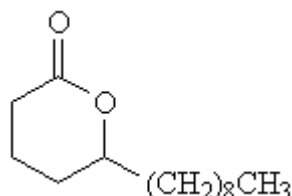


SPECIFICATION SHEET

VERSION 2,00 **VERSION DATE** 19/09/22 **PRINT DATE** 11/05/24

PRODUCT	TETRADECALACTONE DELTA FIRMENICH 987090
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
KOSHER CERTIFICATE	AVAILABLE ON REQUEST
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)	0,932 - 0,938
DENSITY 25/25	0,931 - 0,937
REFRACTIVE INDEX nD20	1,4590 - 1,4650
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 NATURE IDENTICAL SUBSTANCE.

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.