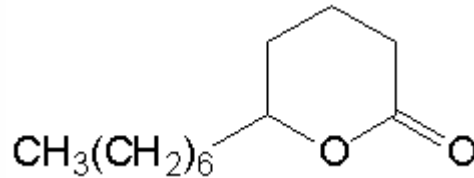


SPECIFICATION SHEET

VERSION 1,00 **VERSION DATE** 22/10/09 **PRINT DATE** 25/09/22

PRODUCT	DODECALACTONE DELTA FIRMENICH 935405
APPLICATIONS	Raw material for industrial use intended for the manufacture of flavours and/or fragrances.
IUPAC NAME	N-HEPTYL-DELTA-VALEROLACTONE
SYNONYMS	1,5-DODECANOLIDE
FORMULA	C12 H22 O2
MOLECULAR WEIGHT	198,30
CAS	713-95-1
EINECS	211-932-4
FEMA	2401
TARIFF NUMBER	2932209030
KOSHER CERTIFICATE	AVAILABLE ON REQUEST
FOOD GRADE CERTIFICATE	AVAILABLE ON REQUEST
REACH REGISTRATION NO.	01-2119958757-17



SPECIFICATIONS

ASPECT AT 20°C	CLEAR MOBILE LIQUID
COLOUR	COLORLESS TO VERY PALE STRAWCOLORED
ODOUR	FRUITY, OILY
TASTE	
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 TECHNOLOGICAL REASONS. WE RECOMMEND NOT TO USE IT UNLESS FILTERED WHEN USED AS A RAW MATERIAL IN FOOD INTENDED FOR FINAL CONSUMERS.