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LEADERS IN ESSENCE

SPECIFICATION SHEET
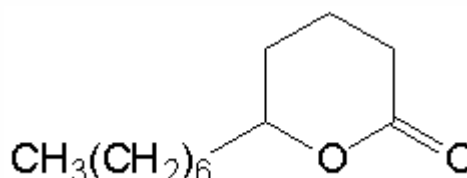
VERSION	1,00	**VERSION DATE**	19/09/22	**PRINT DATE** 19/04/24

PRODUCT DODECALACTONE DELTA FIRMENICH 935405

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 198,30

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

$CH_3(CH_2)_6$ structure

SPECIFICATIONS

ASPECT AT 20ºC	CLEAR MOBILE LIQUID
COLOUR	COLORLESS TO VERY PALE STRAWCOLORED
ODOUR	FRUITY,COCONUT,BUTTER,PEACH,APRICOT
TASTE	CREAMY,DAIRY,BUTTERY,PEACH,NUTTY
DENSITY AT 20ºC (g / ml)	0,942 - 0,952
DENSITY 25/25	-
REFRACTIVE INDEX nD20	1,4580 - 1,4610
REFRACTIVE INDEX nD25	-
OPTICAL ROTATION (º)	/
BOILING POINT (ºC)	285
MELTING POINT (ºC)	-7
FLASH POINT (ºC)	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.