SPECIFICATION SHEET

VERSION	4	**VERSION DATE**	19/09/22	**PRINT DATE**	24/11/26

PRODUCT	DELTA DECALACTONE
APPLICATIONS	Industrial raw material not intended for direct use.
IUPAC NAME	AMYL-DELTA-VALEROLACTONE
SYNONYMS	(1,5)-DECANOLIDE
FORMULA	$C_{10}H_{18}O_2$
MOLECULAR WEIGHT	170
CAS	705-86-2
EINECS	211-889-1
FEMA	2361
CoE	621
FDA	172.515
TARIFF NUMBER	2932209025
KOSHER CERTIFICATE	AVAILABLE ON REQUEST
FOOD GRADE CERTIFICATE	AVAILABLE ON REQUEST

SPECIFICATIONS

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ASPECT AT 20°C	CLEAR MOBILE LIQUID
COLOUR	COLORLESS TO PALE YELLOW
ODOUR	NUT, FRUITY, COCONUT, BUTTERY
TASTE	COCONUT,CREAMY,BUTTERY,MILKY,PEACH
DENSITY AT 20°C (g / ml)	0,966–0,973
DENSITY 25/25	0,964–0,971
REFRACTIVE INDEX nD20	1,4560–1,4590
REFRACTIVE INDEX nD25	–
OPTICAL ROTATION (°)	/
BOILING POINT (°C)	284
MELTING POINT (°C)	-25
FLASH POINT (°C)	145
ASSAY (% GC)	> 98
ACID VALUE (mg KOH/g)	< 5
SOLUBILITY	INSOLUBLE IN WATER
VAPOUR PRESSURE	NOT DETERMINED
OTHER SOLUBILITIES	SOLUBLE IN ETHANOL. SOLUBLE IN PROPILENGLICOL.

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.

PRODASYNTH SAS
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