

SPECIFICATION SHEET

VERSION 1,00 **VERSION DATE** 22/07/21 **PRINT DATE** 24/07/24

PRODUCT DELTA-DECALACTONE US NATURAL
APPLICATIONS Industrial raw material not intended for direct use.
IUPAC NAME TETRAHYDRO-6-PENTYL-2H-PYRAN-2-ONE
SYNONYMS (1,5)-DECANOLIDE, AMYL-DELTA-VALEROLACTONE, 6-PENTYLOXAN-2-ONE

PLANT OF ORIGIN Cocos nucifera

PART OF THE PLANT

FORMULA C10 H18 O2

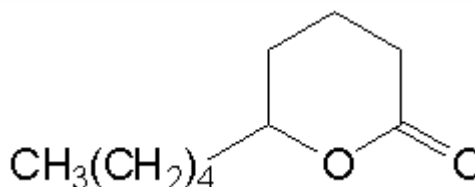
MOLECULAR WEIGHT 170,25

CAS 705-86-2

EINECS 211-889-1

FEMA 2361

TARIFF NUMBER 2932209025



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
CLOUR	COLORLESS
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)	113,00
ASSAY (% GC)	> 98
ACID VALUE (mg KOH/g)	< 5
SOLUBILITY	INSOLUBLE IN WATER
VAPOUR PRESSURE	NOT DETERMINED
OTHER SOLUBILITIES	SOLUBLE IN ETHANOL

OTHER TECHNICAL DATA Racemic quality. Optical rotation is zero approx.

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.