

## SPECIFICATION SHEET

VERSION 2      VERSION DATE 04/02/16      PRINT DATE 13/12/25

PRODUCT	LACTATE DE CIS-3-HEXENYLE
APPLICATIONS	Industrial raw material not intended for direct use.
IUPAC NAME	CIS-3-HEXENYL 2-HYDROXY-PROPANOATE
SYNONYMS	LEAF LACTATE, (Z)-3-HEXEN-1-YL LACTATE
FORMULA	C <sub>9</sub> H <sub>16</sub> O <sub>3</sub>
MOLECULAR WEIGHT	172,22
CAS	61931-81-5
EINECS	263-337-4
FEMA	3690
CoE	10681
FDA	-
TARIFF NUMBER	2918110000
FOOD GRADE CERTIFICATE	AVAILABLE ON REQUEST

## SPECIFICATIONS

ASPECT AT 20°C	CLEAR MOBILE LIQUID
COLOUR	COLORLESS TO PALE YELLOW
ODOUR	GREEN,LEAFY,WAXY,MELON,SWEET,VIOLET
TASTE	GREEN,LEAFY,WAXY,FRUITY,TROPICAL
DENSITY AT 20°C (g / ml)	0,970-0,987
DENSITY 25/25	-
REFRACTIVE INDEX nD20	1,4410-1,4510
REFRACTIVE INDEX nD25	-
OPTICAL ROTATION (°)	/
BOILING POINT (°C)	96°C (7 mm Hg)
MELTING POINT (°C)	-
FLASH POINT (°C)	93
ASSAY (% GC)	> 96
ACID VALUE (mg KOH/g)	< 1
SOLUBILITY	SLIGHTLY SOLUBLE IN WATER
VAPOUR PRESSURE	NOT DETERMINED
OTHER SOLUBILITIES	SOLUBLE IN ETHANOL
OTHER TECHNICAL DATA	SUGGESTED USES IN FLAVOURS: STRAWBERRY, TOMATO, PEAR, CARAMEL, APPLE, MELON, MINT, TROPICAL, VEGETABLE. RECOMMENDED DOSAGE FOR FLAVOURS: 1-20 ppm IN THE FINAL PRODUCT. SUBSTANCE PRESENT IN COGNAC AND GRAPES.

## 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.

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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