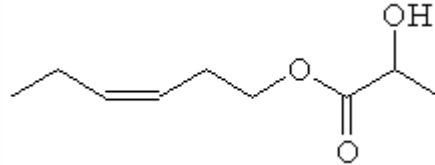


SPECIFICATION SHEET

VERSION 3,00 **VERSION DATE** 14/02/20 **PRINT DATE** 04/07/24

PRODUCT	CIS-3-HEXENYL LACTATE
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	C9 H16 O3
MOLECULAR WEIGHT	172,22
CAS	61931-81-5
EINECS	263-337-4
FEMA	3690
TARIFF NUMBER	2918110000
KOSHER CERTIFICATE	AVAILABLE ON REQUEST
FOOD GRADE CERTIFICATE	AVAILABLE ON REQUEST
REACH REGISTRATION NO.	On request. REACH and non-REACH material available for this product.



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	0,968 - 0,984
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)	93,00
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 FLAVOUS: 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.
PURGE HEADSPACE WITH NITROGEN.

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.