SPECIFICATION SHEET

VERSION	8	**VERSION DATE**	14/11/24	**PRINT DATE**	08/11/26

PRODUCT	ACETATE D'ISOAMYLE
APPLICATIONS	Industrial raw material not intended for direct use.
IUPAC NAME	3-METHYL-1-BUTYL ACETATE
SYNONYMS	3-METHYL-1-BUTYL ACETATE, ISOPENTYL ACETATE
FORMULA	$C_7 H_{14} O_2$
MOLECULAR WEIGHT	130
CAS	123-92-2
CAS 2	624-41-9
EINECS	204-662-3
EINECS 2	210-843-8
FEMA	2055
CoE	214
FDA	172.515
TARIFF NUMBER	2915390090
FOOD GRADE CERTIFICATE	AVAILABLE ON REQUEST

SPECIFICATIONS

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ASPECT AT 20°C	CLEAR MOBILE LIQUID
COLOUR	COLORLESS
ODOUR	STRONG,FRUITY.FRESH,PEAR,BANANA
TASTE	SWEET-FRUITY,BANANA,PEAR,APPLE,RIPE
DENSITY AT 20°C (g / ml)	0,865–0,875
DENSITY 25/25	0,868–0,878
REFRACTIVE INDEX nD20	1,4000–1,4040
REFRACTIVE INDEX nD25	–
OPTICAL ROTATION (°)	/
BOILING POINT (°C)	142 - 143
MELTING POINT (°C)	-79 / -78
FLASH POINT (°C)	38
ASSAY (% GC)	> 99 (SUM 3-METHYL+2-METHYLBUTYL)
ACID VALUE (mg KOH/g)	< 1
SOLUBILITY	PARTIALLY SOLUBLE IN WATER: 0,2% (20°C)
VAPOUR PRESSURE	0,53 kPa (20°C)
OTHER SOLUBILITIES	SOLUBLE IN ETHANOL. SOLUBLE 1 mL IN 3 mL OF ETHANOL 60%
OTHER TECHNICAL DATA	ISOAMYL ACETATE 80%-83% APPROX., 2-METHYLBUTYL ACETATE 17%-20% 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.

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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