

SPECIFICATION SHEET

VERSION 8 VERSION DATE 14/11/24 PRINT DATE 02/06/26

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 C₇ H₁₄ O₂
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

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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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