

SPECIFICATION SHEET

VERSION 8 **VERSION DATE** 14/11/24 **PRINT DATE** 02/11/25

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 2 624-41-9 204-662-3 **EINECS EINECS 2** 210-843-8 2055 **FEMA** 214 CoF **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

ODOURSTRONG,FRUITY.FRESH,PEAR,BANANATASTESWEET-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.