

SPECIFICATION SHEET

VERSION 6 VERSION DATE 19/09/22 PRINT DATE 14/04/26

PRODUCT ALCOOL ISOAMYLIQUE NATUREL
APPLICATIONS Industrial raw material not intended for direct use.
IUPAC NAME 3-METHYL-1-BUTANOL
SYNONYMS ISOBUTYL CARBINOL, ISOPENTYL ALCOHOL

PART OF THE PLANT FUSEL OIL
FORMULA C₅ H₁₂ O
MOLECULAR WEIGHT 88
CAS 123-51-3
CAS 2 137-32-6
EINECS 204-633-5
EINECS 2 205-289-9
FEMA 2057
CoE 51
FDA 172.515
TARIFF NUMBER 2905190098
KOSHER CERTIFICATE AVAILABLE ON REQUEST
FOOD GRADE CERTIFICATE AVAILABLE ON REQUEST

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ASPECT AT 20°C CLEAR MOBILE LIQUID
COLOUR COLORLESS
ODOUR CHOKING, ALCOHOLIC, WINEY, FRUITY
TASTE WINEY, COGNAC, BRANDY
DENSITY AT 20°C (g / ml) 0,808-0,815
DENSITY 25/25 -
REFRACTIVE INDEX nD20 1,4050-1,4100
REFRACTIVE INDEX nD25 -
OPTICAL ROTATION (°) /
BOILING POINT (°C) 131 - 133
MELTING POINT (°C) -147
FLASH POINT (°C) 42
ASSAY (% GC) ISOMER 1 >70%; ISOMER 2 <30%; SUMA >99%
ACID VALUE (mg KOH/g) -
SOLUBILITY SOLUBLE IN WATER 1,7% pw (20°C)
VAPOUR PRESSURE 3 hPa (20°C)
OTHER SOLUBILITIES SOLUBLE IN ETHANOL

OTHER TECHNICAL DATA 3-METHYL-1-BUTANOL >70%; 2-METHYL-1-BUTANOL <30%

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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