

## SPECIFICATION SHEET

VERSION 6 VERSION DATE 19/09/22 PRINT DATE 26/04/24

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  $C_5H_{12}O$   
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

## SPECIFICATIONS

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  $n_D^{20}$  1,4050-1,4100  
REFRACTIVE INDEX  $n_D^{25}$  -  
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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