

## SPECIFICATION SHEET

VERSION 6      VERSION DATE 19/09/22      PRINT DATE 17/07/24

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 <sub>5</sub> H <sub>12</sub> 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 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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