SPECIFICATION SHEET

VERSION	4	**VERSION DATE**	30/09/21	**PRINT DATE**	29/03/24

PRODUCT	ACIDE ISOBUTYRIQUE
APPLICATIONS	Industrial raw material not intended for direct use.
IUPAC NAME	ISOBUTYRIC ACID
SYNONYMS	ACID 2-METHYLPROPANOIC ACID, ISOPROPYLFORMIC ACID
FORMULA	$C_4 H_8 O_2$
MOLECULAR WEIGHT	88
CAS	79-31-2
EINECS	201-195-7
FEMA	2222
CoE	6
FDA	172.515
TARIFF NUMBER	2915601990
FOOD GRADE CERTIFICATE	AVAILABLE ON REQUEST

SPECIFICATIONS

ASPECT AT 20°C	CLEAR MOBILE LIQUID
COLOUR	COLORLESS
ODOUR	RANCID, CHEESE, BUTTER
DENSITY AT 20°C (g / ml)	0,944–0,950
DENSITY 25/25	0,944–0,948
REFRACTIVE INDEX nD20	1,3920–1,3950
REFRACTIVE INDEX nD25	–
OPTICAL ROTATION (°)	/
BOILING POINT (°C)	155°C
MELTING POINT (°C)	-47°C
FLASH POINT (°C)	56
ASSAY (% GC)	> 99,5
ACID VALUE (mg KOH/g)	-
SOLUBILITY	SOLUBILITY IN WATER: 21% wt (25°C)
VAPOUR PRESSURE	1,5 mm Hg (20°C)
OTHER SOLUBILITIES	SOLUBLE IN ETHANOL

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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