

SPECIFICATION SHEET

VERSION 1,00 **VERSION DATE** 19/09/22 **PRINT DATE** 03/07/24

PRODUCT ISOBUTYRIC ACID, US NATURAL
APPLICATIONS Industrial raw material not intended for direct use.
IUPAC NAME NATURAL 2-METHYLPROPANOIC ACID
SYNONYMS ISOPROPYLFORMIC ACID

FORMULA C4 H8 O2
MOLECULAR WEIGHT 88,11
CAS 79-31-2

EINECS 201-195-7

TARIFF NUMBER 2915601990

REACH REGISTRATION NO. Not available. Substance lawfully placed in the EU market before 1 June 2018.

SPECIFICATIONS

ASPECT AT 20°C CLEAR MOBILE LIQUID
COLOUR COLORLESS
ODOUR PENETRATING, RANCID BUTTER-LIKE
TASTE
DENSITY AT 20°C (g / ml) 0,942 - 0,952
DENSITY 25/25 0,945 - 0,957
REFRACTIVE INDEX nD20 1,3920 - 1,3950
REFRACTIVE INDEX nD25 -
OPTICAL ROTATION (°) /
BOILING POINT (°C) CA. 153-155°C
MELTING POINT (°C) -47
FLASH POINT (°C) 55,00
ASSAY (% GC) > 99
ACID VALUE (mg KOH/g)
SOLUBILITY SOLUBILITY IN WATER: 21% wt (25°C)
VAPOUR PRESSURE 2,0 hPa (1,5 mmHg) 20°C
OTHER SOLUBILITIES SOLUBLE IN ETHANOL, GLYCERIN AND PROPYLENE GLYCOL.

OTHER TECHNICAL DATA

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.