

SPECIFICATION SHEET

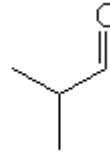
VERSION 2,00 **VERSION DATE** 03/03/22 **PRINT DATE** 03/07/24

PRODUCT ISOBUTYRIC ALDEHYDE
APPLICATIONS Industrial raw material not intended for direct use.
IUPAC NAME 2-METHYLPROPIONALDEHYDE
SYNONYMS ISOBUTYRALDEHYDE

FORMULA C4 H8 O
MOLECULAR WEIGHT 72,11
CAS 78-84-2

EINECS 201-149-6

FEMA 2220
TARIFF NUMBER 2912190000



FOOD GRADE CERTIFICATE AVAILABLE ON REQUEST
REACH REGISTRATION NO. Exempt from registration (according to article 2.5 of REACH)

SPECIFICATIONS

ASPECT AT 20°C CLEAR MOBILE LIQUID
COLOUR COLORLESS
ODOUR BANANA-LIKE-FRUIT-LIKE
TASTE
DENSITY AT 20°C (g / ml) 0,784 - 0,791
DENSITY 25/25 0,783 - 0,788
REFRACTIVE INDEX nD20 1,3710 - 1,3750
REFRACTIVE INDEX nD25 -
OPTICAL ROTATION (°) /
BOILING POINT (°C) CA. 64°C
MELTING POINT (°C) CA -65°C
FLASH POINT (°C) -24,00
ASSAY (% GC) > 98
ACID VALUE (mg KOH/g) < 5
SOLUBILITY SOLUBILITY IN WATER: 60 g/L (25°C)
VAPOUR PRESSURE 88 hPa(4,4°C); 189 hPa(20°C)
OTHER SOLUBILITIES SOLUBLE IN ETHANOL

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 12 MONTHS, QUALITY SHOULD BE CHECKED BEFORE USE.
KEEP REFRIGERATED 2-8°C. PURGE HEADSPACE WITH NITROGEN.

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.