

SPECIFICATION SHEET

VERSION 1,00 **VERSION DATE** 13/02/23 **PRINT DATE** 04/05/24

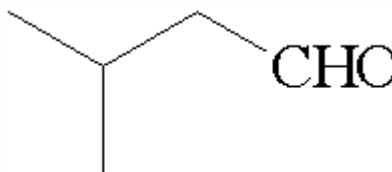
PRODUCT ISOVALERALDEHYDE, NATURAL BESTALLY
APPLICATIONS Industrial raw material not intended for direct use.
IUPAC NAME 3-METHYLBUTANAL
SYNONYMS ISOVALERALDEHYDE, 3-METHYLBUTYRALDEHYDE, ISOAMYL ALDEHYDE

PLANT OF ORIGIN
PART OF THE PLANT

FORMULA C₅ H₁₀ O
MOLECULAR WEIGHT 86,13
CAS 590-86-3

EINECS 209-691-5

FEMA 2692
TARIFF NUMBER 2912190090



FOOD GRADE CERTIFICATE AVAILABLE ON REQUEST
REACH REGISTRATION NO. Exempt from registration (imported/manufactured < 1 ton/year)

SPECIFICATIONS

ASPECT AT 20°C CLEAR MOBILE LIQUID
COLOUR COLORLESS TO PALE YELLOW
ODOUR FATTY, PUNGENT. DILUTED: NUTTY, COCOA
TASTE FRUITY, DRY, GREEN, CHOCOLATE, NUT
DENSITY AT 20°C (g / ml) 0,796 - 0,804
DENSITY 25/25 0,795 - 0,802
REFRACTIVE INDEX n_{D20} 1,3880 - 1,3910
REFRACTIVE INDEX n_{D25} -
OPTICAL ROTATION (°) /
BOILING POINT (°C) 90 - 93
MELTING POINT (°C) -28°C
FLASH POINT (°C) 0,50
ASSAY (% GC) > 98
ACID VALUE (mg KOH/g) < 10
SOLUBILITY INSOLUBLE IN WATER
VAPOUR PRESSURE 57,9 mbar (20°C)
OTHER SOLUBILITIES SOLUBLE 1:1 IN ETHANOL 95%

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.
 PURGE HEADSPACE WITH NITROGEN. KEEP REFRIGERATED.

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.