

SPECIFICATION SHEET

VERSION 4,00 **VERSION DATE** 19/09/22 **PRINT DATE** 21/12/24

PRODUCT PENTANOIC ACID
APPLICATIONS Industrial raw material not intended for direct use.
IUPAC NAME PENTANOIC ACID
SYNONYMS VALERIC ACID, PENTANOIC ACID

FORMULA C5 H10 O2
MOLECULAR WEIGHT 102,00
CAS 109-52-4

EINECS 203-677-2



FEMA 3101
TARIFF NUMBER 2915609000

REACH REGISTRATION NO. On request. REACH and non-REACH material available for this product.

SPECIFICATIONS

ASPECT AT 20°C CLEAR MOBILE LIQUID
COLOUR COLORLESS
ODOUR BUTIRIC
TASTE UNPLEASANT
DENSITY AT 20°C (g / ml) 0,932 - 0,943
DENSITY 25/25 -
REFRACTIVE INDEX nD20 1,4050 - 1,4140
REFRACTIVE INDEX nD25 -
OPTICAL ROTATION (°) /
BOILING POINT (°C) 184 - 186
MELTING POINT (°C) CA. -34°C
FLASH POINT (°C) 88,00
ASSAY (% GC) > 99
ACID VALUE (mg KOH/g) -
SOLUBILITY SLIGHTLY SOLUBLE IN WATER
VAPOUR PRESSURE NOT DETERMINED
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 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.