

SPECIFICATION SHEET

VERSION 4 **VERSION DATE** 19/09/22 **PRINT DATE** 02/11/25

PRODUCT ACIDE VALERIQUE

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

 CAS
 109-52-4

 EINECS
 203-677-2

 FEMA
 3101

 CoE
 7

 FDA
 172.515

 TARIFF NUMBER
 2915609000

SPECIFICATIONS

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ASPECT AT 20°C CLEAR MOBILE LIQUID

COLOUR COLORLESS
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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) 1

BOILING POINT (°C) 184 - 186

MELTING POINT (°C) CA. -34°C

FLASH POINT (°C) 88

ASSAY (% GC) > 99

ACID VALUE (mg KOH/g)

SOLUBILITY SLIGHTLY SOLUBLE IN WATER

VAPOUR PRESSURENOT DETERMINEDOTHER SOLUBILITIESSOLUBLE 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.