

SPECIFICATION SHEET

VERSION 4 VERSION DATE 17/12/21 PRINT DATE 03/08/25

PRODUCT ACIDE PELARGONIQUE
APPLICATIONS Industrial raw material not intended for direct use.
IUPAC NAME NONANOIC ACID
SYNONYMS PELARGONIC ACID, NONANOIC ACID

FORMULA $C_9H_{18}O_2$
MOLECULAR WEIGHT 158
CAS 112-05-0
EINECS 203-931-2
FEMA 2784
CoE 29C
FDA 172.515
TARIFF NUMBER 2915907098
KOSHER CERTIFICATE AVAILABLE ON REQUEST
FOOD GRADE CERTIFICATE AVAILABLE ON REQUEST

SPECIFICATIONS

VERSION 4 VERSION DATE 17/12/21

ASPECT AT 20°C CLEAR MOBILE LIQUID / SOLID
COLOUR COLORLESS TO PALE YELLOW
ODOUR CHEESE, DIRTY, WAX
DENSITY AT 20°C (g / ml) 0,900–0,910
DENSITY 25/25 -
REFRACTIVE INDEX n_D^{20} 1,4310–1,4350
REFRACTIVE INDEX n_D^{25} -
OPTICAL ROTATION (°) /
BOILING POINT (°C) 253 - 256
MELTING POINT (°C) 11 - 13
FLASH POINT (°C) 99
ASSAY (% GC) > 96%; 2-METHYLOCTANOIC ACID < 3,5%; SUM > 98,5%
ACID VALUE (mg KOH/g) -
SOLUBILITY SOLUBILITY IN WATER: 0,3 g/L (20°C)
VAPOUR PRESSURE < 0,1 hPa (20°C)
OTHER SOLUBILITIES SOLUBLE 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.

PRODASYNTH SAS

Capital : 1.100.000 Euros · R.C.S.: GRASSE B 349 236 372 00026 TVA FR 03 349 236 372 APE 2053 Z

PI DES BOIS DE GRASSE 4 AV. JOSEPH HONORÉ ISNARD · 06130 GRASSE · FRANCE · Tel: +33 0493090011 · Fax: +33 0422130738 · e-mail: info@prodasynt.com