

## SPECIFICATION SHEET

VERSION 4      VERSION DATE 17/12/21      PRINT DATE 17/07/24

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  
FOOD GRADE CERTIFICATE AVAILABLE ON REQUEST

## SPECIFICATIONS

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 nD20 1,4310-1,4350  
REFRACTIVE INDEX nD25 -  
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

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