

## SPECIFICATION SHEET

VERSION 4      VERSION DATE 19/09/22      PRINT DATE 01/01/26

PRODUCT ACIDE LACTIQUE  
APPLICATIONS Industrial raw material not intended for direct use.  
IUPAC NAME 2-HYDROXYPROPANOIC ACID  
SYNONYMS 2-HYDROXYPROPIONIC ACID, E-270, LACTIC ACID

FORMULA  $\text{CH}_3\text{CHOHCOOH}$   
MOLECULAR WEIGHT 90,08  
CAS 79-33-4  
CAS 2 50-21-5  
EINECS 201-196-2  
EINECS 2 200-018-0  
FEMA 2611  
TARIFF NUMBER 2918110080  
KOSHER CERTIFICATE AVAILABLE ON REQUEST  
FOOD GRADE CERTIFICATE AVAILABLE ON REQUEST

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ASPECT AT 20°C CLEAR MOBILE LIQUID / SOLID  
COLOUR COLOURLESS TO YELLOW  
ODOUR SUGAR, WHEAT, MALT, SWEET  
DENSITY AT 20°C (g / ml) 1,172–1,210  
DENSITY 25/25 1,200–1,209  
REFRACTIVE INDEX  $n_{\text{D}20}$  1,4130–1,4290  
REFRACTIVE INDEX  $n_{\text{D}25}$  -  
OPTICAL ROTATION (°) /  
BOILING POINT (°C) 125°C  
MELTING POINT (°C) -  
FLASH POINT (°C) 75  
ASSAY (% GC) > 78% (BY TITRATION)  
ACID VALUE (mg KOH/g) -  
SOLUBILITY NON DETERMINED  
VAPOUR PRESSURE NOT DETERMINED

OTHER TECHNICAL DATA PURITY DETERMINED BY ACID/BASE TITRATION.

## 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.  
IT CONTAINS 20% OF WATER.

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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