

SPECIFICATION SHEET

VERSION 1,00 **VERSION DATE** 19/09/22 **PRINT DATE** 23/07/24

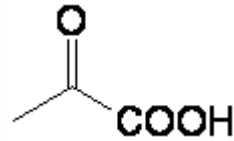
PRODUCT PYRUVIC ACID NATURAL
APPLICATIONS Industrial raw material not intended for direct use.
IUPAC NAME 2-OXOPROPANOIC ACID
SYNONYMS ALPHA KETOPROPIONIC ACID, ACETYLFORMIC ACID, PYRORACEMIC ACID, 2-KETOPROPIONIC ACID

PLANT OF ORIGIN
PART OF THE PLANT

FORMULA C3 H4 O3
MOLECULAR WEIGHT 88,00
CAS 127-17-3

EINECS 204-824-3

FEMA 2970
TARIFF NUMBER 2918300090



FOOD GRADE CERTIFICATE AVAILABLE ON REQUEST
REACH REGISTRATION NO. Not available. Substance lawfully placed in the EU market before 1 June 2018.

SPECIFICATIONS

ASPECT AT 20°C CLEAR VISCOUS LIQUID / SOLID
COLOUR COLORLESS TO AMBER YELLOW
ODOUR ACIDIC, SHARP, SOUR
TASTE PLEASANT SOUR, MILDLY BURNT CARAMEL
DENSITY AT 20°C (g / ml) 1,256 - 1,275
DENSITY 25/25 -
REFRACTIVE INDEX nD20 1,4240 - 1,4350
REFRACTIVE INDEX nD25 -
OPTICAL ROTATION (°) /
BOILING POINT (°C) 165°C
MELTING POINT (°C) 11-12°C
FLASH POINT (°C) 82,00
ASSAY (% GC) > 95
ACID VALUE (mg KOH/g)
SOLUBILITY INSOLUBLE 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 12 MONTHS, QUALITY SHOULD BE CHECKED BEFORE USE.
KEEP REFRIGERATED (2-8°C). PURGE HEADSPACE WITH NITROGEN.

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.