

## SPECIFICATION SHEET

VERSION 6      VERSION DATE 19/09/22      PRINT DATE 01/09/24

PRODUCT FORMATE D'ETHYLE  
APPLICATIONS Industrial raw material not intended for direct use.  
IUPAC NAME ETHYL METHANOATE  
SYNONYMS METANOATO DE ETILO

FORMULA  $C_3H_6O_2$   
MOLECULAR WEIGHT 74,09  
CAS 109-94-4  
EINECS 203-721-0  
FEMA 2434  
CoE 339  
FDA 184.1295  
TARIFF NUMBER 2915130090  
FOOD GRADE CERTIFICATE AVAILABLE ON REQUEST

## SPECIFICATIONS

ASPECT AT 20°C CLEAR MOBILE LIQUID  
COLOUR COLORLESS  
ODOUR FRUITY, RUM, STRONG, ETHEREAL  
TASTE SWEET,RUM,FRUITY,BAKED FRUIT,WHISKY  
DENSITY AT 20°C (g / ml) 0,918-0,925  
DENSITY 25/25 0,916-0,921  
REFRACTIVE INDEX nD20 1,3590-1,3630  
REFRACTIVE INDEX nD25 -  
OPTICAL ROTATION (°) /  
BOILING POINT (°C) 53 - 55  
MELTING POINT (°C) -80  
FLASH POINT (°C) -19  
ASSAY (% GC) > 98  
ACID VALUE (mg KOH/g) < 5  
SOLUBILITY SOLUBILITY IN WATER 110 g/L (18°C)  
VAPOUR PRESSURE 265,0 mbar (20°C)  
OTHER SOLUBILITIES SOLUBLE IN ETHANOL. SOLUBLE IN ETHANOL 50% 1:5. SOLUBLE IN ETHANOL 80% 1:1

## 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.  
HIGHLY FLAMMABLE: AVOID HEATING.

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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