

Acetic acid glacial, HPLC grade

Identification

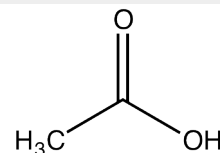
 CH_3COOH

M = 60,05 g/mol

CAS [64-19-7]

EC number: 200-580-7

Taric code: 2915 21 00



Synonyms

Methane carboxylic acid, Methylformic acid

Applications

laboratory reagent, synthesis of organic products, in the rubber industry, in food industry.

Specifications

assay (acidimetric)..... min. 99,8 %
identity (IR-spectrum)..... passes test
density (20°/4°)..... 1,048 - 1,050
residue on evaporation..... max. 0,0002 %
water (K.F.)..... max. 0,2 %

Microfiltered through membranes of pore diameter 0,22 µm
min. transmission/max. absorbance in a 1,0 cm cell at
wavelength:..... T(%) A (AU)
260 nm..... 80 % 0,097 AU
270 nm..... 95 % 0,022 AU
280 nm..... 98 % 0,009 AU

Physical data

- Density: 1,05 g/cm³
- Solub. in water: (20 °C): miscible
- Melting point: 17 °C
- Boiling point: 117 °C
- Flash point: 39 °C
- Ignition temperature: 485 °C
- Vapour pressure: (20 °C) 15,4 hPa
- Refraction index: (20 °C) 1,37
- Expl. limit (upper): 19,9 Vol%
- Expl. limit (lower): 4 Vol%
- pH(50 g/l H₂O, 20 °C) 2,5

Safety - GHS

Signal Word: Danger

Hazard Statements:

H314: Causes severe skin burns and eye damage.
H226: Flammable liquid and vapour.



Precautionary Statements:

P210: Keep away from heat / sparks / open flames / hot surfaces. - No smoking.
P303+P361+P353: IF ON SKIN (or hair): Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310: Immediately call a POISON CENTER or doctor / physician.
P370+P378: In case of fire: Use ... for extinction.
P405: Store locked up.
P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

Transport/storage

- ADR: 8 CF1 II • UN 2789 • ACETIC ACID, GLACIAL or ACETIC ACID SOLUTION
- IMDG: 8 II • UN 2789 • ACETIC ACID, GLACIAL
- IATA/ICAO: 8 II • UN 2789 • ACETIC ACID, GLACIAL
- PAX: 809
- CAO: 813
- 10°C - 30°C