

Identification

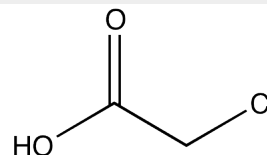
 CH_2ClCOOH

M = 94,50 g/mol

CAS [79-11-8]

EC number: 201-178-4

Taric code: 2915 40 00



Synonyms

Monochloroacetic acid

Applications

analytical chemistry, manufacture of dyes, synthesis of organic products, for acetylations.

Specifications

assay (acidimetric).....	min. 99 %	copper (Cu).....	max. 0,001 %
identity (IR-spectrum).....	passes test	heavy metals (as Pb).....	max. 0,001 %
insoluble in water.....	max. 0,01 %	iron (Fe).....	max. 0,001 %
chlorides (Cl).....	max. 0,01 %	lead (Pb).....	max. 0,001 %
nitrites (NO ₂).....	max. 0,005 %	nickel (Ni).....	max. 0,001 %
sulfates (SO ₄).....	max. 0,01 %	residue on ignition.....	max. 0,05 %

Physical data

- Appearance: flakes, bright white, up to 0,5cm
- Spec. Density: 1,37 g/cm³
- Bulk density: ~ 400 kg/m³
- Solub. in water: (20 °C): soluble
- Melting point: 60 - 63 °C
- Boiling point: 189 °C
- Flash point: 126 °C
- Ignition temperature: 470 °C
- Vapour pressure: (20 °C) 1hPa
- Expl. limit (lower): 8,0 Vol%
- pH(800 g/l H₂O, 20 °C) <1
- Hygroscopic

Safety - GHS

Signal Word: Danger

Hazard Statements:

- H301: Toxic if swallowed.
- H311: Toxic in contact with skin.
- H331: Toxic if inhaled.
- H314: Causes severe skin burns and eye damage.
- H400: Very toxic to aquatic life.



Precautionary Statements:

- P260: Do not breathe dust / fume / gas / mist / vapours / spray.
- P301+P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
- 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.
- P405: Store locked up.
- P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

Transport/storage

- ADR: 6.1 TC2 II • UN 1751 • CHLOROACETIC ACID, SOLID
- IMDG: 6.1 II • UN 1751 • CHLOROACETIC ACID, SOLID
- IATA/ICAO: 6.1 II • UN 1751 • CHLOROACETIC ACID, SOLID
- PAX: 614
- CAO: 616
- 15°C - 25°C