

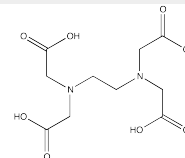
IdentificationC₁₀H₁₆N₂O₈

M = 292,25 g/mol

CAS [60-00-4]

EC number: 200-449-4

Taric code: 2922 49 95

**Synonyms**


Ethylenedinitrilotetraacetic acid, Edetic acid, EDTA

Applications

analytical chemistry, antioxidant (in food industry), synthesis of organic products, for pharmaceuticals synthesizing.

Specifications

| | | | |
|-----------------------------|-------------|--------------------------|------------|
| assay (complexometric)..... | min. 98 % | residue on ignition..... | max. 0,1 % |
| identity (IR-spectrum)..... | passes test | water (K.F.)..... | max. 0,5 % |

Packaging**Packaging Code**100 g  AC09400100500 g  AC094005001 kg  AC094010005 kg  AC0940005P**Physical data**

- Appearance: crystalline powder, white
- Spec. Density: 0,86 g/cm³
- Bulk density: ~ 600 kg/m³
- Solub. in water: (20 °C): ~ 0,5 g/l
- Melting point: 220 °C (decomposes)
- Flash point: > 100 °C
- Ignition temperature: > 200 °C
- Vapour pressure: (20 °C) < 0,013 hPa
- pH(10 g/l H₂O, 23 °C) ~ 2,5

Safety - GHS

Signal Word: Warning

Hazard Statements:

H319: Causes serious eye irritation.

**Precautionary Statements:**

P280: Wear protective gloves / protective clothing / eye protection / face protection.

P264: Wash thoroughly after handling.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313: If eye irritation persists: Get medical advice / attention.

Toxicological data

- LD 50 (oral, rat): 2580 mg/kg
- WGK: 2
- Poison class CH (Swiss): 4