

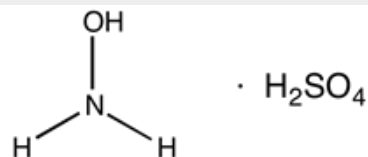
Identification $(\text{NH}_3\text{OH})_2\text{SO}_4$

M = 164,14 g/mol

CAS [10039-54-0]

EC number: 233-118-8

Taric code: 2825 10 00

**Synonyms**

Hydroxylamine sulfate

Applications

analytical chemistry, reducing agent, for the synthesis of: oximes.

Specifications

assay (permanganometric)..... min. 99 %

residue on ignition (as SO_4)..... max. 0,05 %

water (K.F.)..... max. 0,5 %

Physical data

- Spec. Density: 1,88 g/cm³
- Bulk density: ~ 1100 kg/m³
- Solub. in water: (20 °C): 587 g/l
- Melting point: 170 °C (decomposes)
- pH(50 g/l H_2O , 20 °C) ~ 3,5

Safety - GHS

Signal Word: Warning

Hazard Statements:

- H351: Suspected of causing cancer.
- H373: May cause damage to organs through prolonged or repeated exposure.
- H290: May be corrosive to metals.
- H400: Very toxic to aquatic life.
- H302: Harmful if swallowed.
- H312: Harmful in contact with skin.
- H317: May cause an allergic skin reaction.
- H315: Causes skin irritation.
- H319: Causes serious eye irritation.

**Precautionary Statements:**

- P260: Do not breathe dust / fume / gas / mist / vapours / spray.
- P280: Wear protective gloves / protective clothing / eye protection / face protection.
- P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P321: Specific treatment (see on this label).
- P405: Store locked up.
- P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

Transport/storage

- ADR: 8 C2 III • UN 2865 • HYDROXYLAMINE SULPHATE
- IMDG: 8 III • UN 2865 • HYDROXYLAMINE SULPHATE
- IATA/ICAO: 8 III • UN 2865 • HYDROXYLAMINE SULPHATE
- PAX: 822
- CAO: 823
- 10°C - 30°C