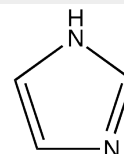


Identification

$C_3H_4N_2$
 M = 68,08 g/mol
 CAS [288-32-4]
 EC number: 206-019-2
 Taric code: 2933 21 00


Synonyms

1,3-Diazole, Glyoxaline, Iminazole

Applications


analytical chemistry, in buffer solutions.

Specifications

assay (titr. with HClO ₄)	min. 99,5 %	UV-VIS spectroscopy.....	passes test
identity (IR-spectrum).....	passes test	residue on ignition.....	max. 0,1 %
pH (5 %, H ₂ O).....	9,5 - 11,0	water (K.F.).....	max. 0,2 %
iron (Fe).....	max. 0,0005 %		

Packaging
Packaging Code

250 g  IM00260250

1 kg  IM00261000

Physical data

- Appearance: crystals, white
- Spec. Density: 1,030 g/cm³
- Bulk density: ~ 500 - 600 kg/m³
- Solub. in water: (20 °C): 633 g/l
- Melting point: 90 - 91 °C
- Boiling point: 256 °C
- Flash point: 145 °C
- Ignition temperature: 480 °C
- Vapour pressure: (20 °C) 0,003 hPa
- pH(67 g/l H₂O, 20 °C) 10,5

Safety - GHS

Signal Word: Danger


Hazard Statements:

- H360D: May damage the unborn child.
 H314: Causes severe skin burns and eye damage.
 H302: Harmful if swallowed.

Precautionary Statements:

- P260: Do not breathe dust / fume / gas / mist / vapours / spray.
 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.
 P321: Specific treatment (see on this label).
 P405: Store locked up.
 P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

Toxicological data

- LD 50 (oral, rat): 220 mg/kg
- MAK: 1,5 mg/m³
- WGK: 1
- Poison class CH (Swiss): 4

Transport/storage

- ADR: 8 C8 III • UN 3263 • CORROSIVE SOLID, BASIC, ORGANIC, N.O.S. (Imidazole)
- IMDG: 8 III • UN 3263 • CORROSIVE SOLID, BASIC, ORGANIC, N.O.S. (Imidazole)
- IATA/ICAO: 8 III • UN 3263 • CORROSIVE SOLID, BASIC, ORGANIC, N.O.S. (Imidazole)
- PAX: 822
- CAO: 823
- Store between 15°C and 25°C