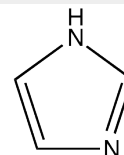


Imidazole, for analysis, ExpertQ®, ACS

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 %	iron (Fe)	max. 5 ppm
identity (IR-spectrum)	passes test	residue on ignition	max. 0,1 %
pH (5 %, H_2O)	9,5 - 11,0	water (K.F.)	max. 0,2 %

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 H_2O , 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.
P310: Immediately call a POISON CENTER or doctor / physician.
P405: Store locked up.
P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

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: 860
- CAO: 864
- 15°C - 25°C