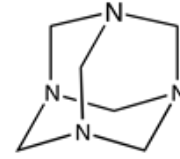


Identification

$C_6H_{12}N_4$
M = 140,19 g/mol
CAS [100-97-0]
EC number: 202-905-8
Taric code: 2933 69 20

**Synonyms**

Hexamine, Methenamine, Formin, Urotropin

Applications

manufacture of adhesives, in the rubber industry, corrosion inhibitor (steel), in explosive compositions, stabilizer.

Specifications

assay (titr. with $HClO_4$) min. 99 %

identity (IR-spectrum)..... passes test
residue on ignition..... max. 0,05 %

Physical data

- Appearance: crystals, colourless, white or almost white
- Spec. Density: 1,33 g/cm³
- Bulk density: ~ 600 kg/m³
- Solub. in water: (20 °C): 100 g/l
- Flash point: 250 °C
- pH(100 g/l H₂O, 20 °C) 7,0 - 9,0

Safety - GHS

Signal Word: Warning

Hazard Statements:

H228: Flammable solid.
H317: May cause an allergic skin reaction.

**Precautionary Statements:**

P210: Keep away from heat / sparks / open flames / hot surfaces. - No smoking.
P241: Use explosion-proof electrical / ventilating / lighting / equipment.
P261: Avoid breathing dust / fume / gas / mist / vapours / spray.
P370+P378: In case of fire: Use ... for extinction.
P321: Specific treatment (see on this label).
P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

Transport/storage

- ADR: 4.1 F1 III • UN 1328 • HEXAMETHYLENETE-TRAMINE
- IMDG: 4.1 III • UN 1328 • HEXAMETHYLENETETRAMINE
- IATA/ICAO: 4.1 III • UN 1328 • HEXAMETHYLENETETRAMINE
- PAX: 419
- CAO: 420
- 15°C - 25°C