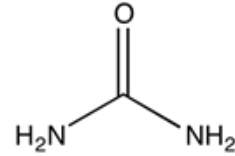


**Identification**

CH<sub>4</sub>N<sub>2</sub>O  
M = 60,06 g/mol  
CAS [57-13-6]  
EC number: 200-315-5  
Taric code: 3102 10 10

**Synonyms**

Carbamide, Carbonyldiamide

**Applications**

laboratory reagent, in biochemistry, in fertilizer compositions, manufacturing of synthetic resins, in the plastics industry, for reversible denaturation of proteins.

**Specifications**

assay (DSC).....min. 99 %

identity (IR-spectrum).....passes test

residue on ignition.....max. 0,1 %

**Physical data**

- Spec. Density: 1,34 g/cm<sup>3</sup>
- Bulk density: ~ 750 kg/m<sup>3</sup>
- Solub. in water: (20 °C): 590 g/l
- Melting point: 132,5 - 134,5 °C
- Vapour pressure: (75 °C) ~ 0,002 hPa
- pH(100 g/l H<sub>2</sub>O, 20 °C) ~ 9,5

**Transport/storage**

- 5°C - 30°C