



Product name:

**Urea**

**Synonyms:** Carbamide, Carbonyl diamide, Diaminomethanone, Carbonyldiamine

**CAS number:** 57-13-6

<i>General information:</i>		
	<b>Chemical formula:</b> CH <sub>4</sub> N <sub>2</sub> O	<b>Molar Mass:</b> 60.06 g/mol
	<b>Appearance:</b> White granulates	<b>Density:</b> 1.34 g/cm <sup>3</sup> (20 °C)
	<b>Solub. in water:</b> 1000 g/l (20 °C)	<b>Melting point:</b> 133 °C
	<b>Boiling point:</b> N/A	<b>Flash point:</b> N/A
	<b>Storage temp.:</b> Below +30 °C	<b>Cautions:</b> Irritant
	<b>R:</b> N/A	<b>S:</b> N/A
	<b>HS-No.:</b> 3105 10 00	<b>EC-Index-No.:</b> 200-315-5

Hazard Symbol

Safety Information

Grade

Laboratory

<b>Specification:</b>				
	Assay		98.5 – 101.5	%
	Identification		Conforms	
	Alkalinity	≤	0.4	ml
	Appearance of solution		Conforms	
	Biuret	≤	0.1	%
	Sulfated ash	≤	0.1	
	Ammonium	≤	500	ppm
	Loss on drying	≤	1	%
	Melting point		132-135	°C
	Heavy metals		10	ppm

<b>Ordering code</b>	800 kg	3 kg	5 kg	10 kg	20 kg
P.E.	453.05.00800.02	453.05.03000.02	453.05.05000.03	453.05.10000.03	
Glass					