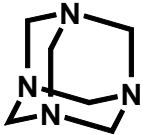


## Methenamine p.a. Hexamethylene tetramine



### PRODUCT INFORMATION

**Appearance:** white crystals

**Molecular Formula:** C<sub>6</sub>H<sub>12</sub>N<sub>4</sub>

**Registrations:**

CAS-No.	EINECS-No.:	TSCA	DSL	AICS	MITI	Switzerland
100-97-0	202-905-8	yes	yes	yes	yes	yes

#### Commercial

**Product name:** Methenamine p.a.  
**INCI Name:** Methenamine  
**Synonym:** Urotropin, Hexamine, Hexamethylene tetramine

**Quality:** Purity > 99,5 %

#### Physical and Chemical Properties:

**Molecular weight:** 140,19  
**Melting point:** sublimes at 280 °C  
**Density [20 °C]:** 1,33 g/cm<sup>3</sup>  
**Bulk density :** 700 - 800 g/l  
**Solubility in water:** at 20 °C 89,5 g/100 g  
at 40 °C 87,4 g/100 g  
at 60 °C 84,4 g/100 g  
**Ignition temperature:** 390 °C

<b>Characteristics:</b>	Weak basic action; hexamethylenetetramine crystals can agglomerate even with an extremely low moisture content; the finer grained these crystals are, the stronger is this tendency. The agglomeration is favored by pressure and heat as well as by high relative atmospheric humidity.
<b>Application:</b>	Our special quality Methenamine p.a. meets essentially the requirements of many European Pharmacopoeiae. Therefore it can be used for sophisticated applications in chemical and pharmaceutical industries. Methenamine has been registered in the EU-cosmetic-directive. (Guideline 76/768/EWG Annex VI, Part I No. 30). Max. allowed concentration: 0,15 %. Listed as food additive in EU-directive 96/77/eec, Registration No. E239.
<b>Handling:</b>	Dusty methenamine, when mixed with air, tends to generate dust explosions. Be absolutely sure that static electricity is discharged and that the dust is completely removed by an exhaust system!
<b>Storage:</b>	Methenamine is not hygroscopic but tends to become lumpy in moist atmosphere. Therefore it should be stored under dry condition at relative humidities below 60 %; especially bags which have been opened should be sealed air-tight immediately after use and stored without pressure applied to them.
<b>Delivery Form:</b>	UN-approval, transparency PE-bag with 25 kg net.
<b>Reference on Hazards:</b>	Dangerous good. Hazard characteristics according to article 26 directive 67/548/EEC. "Highly flammable" "Harmful" Please refer to our Safety Data Sheet.

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replaces version: PMET004E

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