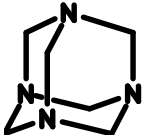


## Methenalink® Hexamethylene tetramine for rubber applications



### PRODUCT INFORMATION

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<b>Commercial Name:</b>	Methenalink®
<b>INCI Name</b>	Methenamine
<b>Synonyme</b>	Hexamethylene tetramine, Urotropine, Hexamine
<b>Appearance:</b>	white powder, free flowing
<b>Molecular Formula:</b>	$C_6H_{12}N_4$
<b>CAS-No.:</b>	100-97-0
<b>Physical. and Chemical Properties:</b>	Molecular weight: 140,19 Melting point: sublimation above 280 °C Density [20 °C]: 1,33 g/cm <sup>3</sup> Hexamine content: min. 94 % Water content: max. 0,5 % Silica content: 2 - 3 % Paraffine oil content: 1,5 - 2,5 % Bulk density: 300 - 400 g/l
	Particle size distribution: < 100 µm min. 99 %
	Ignition temperature: 390 °C

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**Characteristics:** weak basic action, 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.

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**Application:** vulcanization accelerator an adhesion promotor in the manufacture of tires and technical rubber articles

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**Handling:** Methenalink® 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 !

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**Storage:** Although Methenalink® is moisture-sensitive, it is not hygroscopic. It should be stored in the driest possible atmosphere at relative humidities below 50 %, especially bags which have been opened should most expediently be sealed air-tight and stored without pressure applied to them.

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**Delivery form:** 500 kg bulk bag  
paper bag, 3-ply, with PE lining, 25 kg net wt.

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**Reference on Hazards:** 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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METHENALINK03E

15.10.03

M&S/Ru

replaces version: METHENALINK02E

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