



**METAFRAX  
CHEMICALS**

## **HEXAMETHYLENETETRAMINE MICRONIZED**

### **Regulatory document**

TU 2478-037-00203803-2012 "Hexamethylenetetramine technical. Technical specifications."

### **Application**

The product is used in the production of plastics, rubber and varnish films; in the medical and food industries; in analytical chemistry; it is used as a dry fuel; for the production of shell molds with sand for casting; for the production of adhesives, glues, water-repellents, anti-corrosion agents, liquids for metal processing; for the production of camphor; it is used as a binding agent to add volume and elasticity to the final product (rubber); for the production of phenolic and synthetic resins, bakelite, UF resins in molding powders; for the production of agrochemicals; for the production of powder hardener of the epoxide resins; for foundry production, production of molding compounds and polymers, as a binder in brake and clutch linings; explosives, for the production of resin-coated sand; for the production of phenolic resin tanning agent; for the production of foaming agent.

### **Transportation and storage**

Hexamethylenetetramine technical may be transported by all modes of transport in accordance with the rules of the dangerous goods transportation, valid for this mode of transport. Transportation and/or storage under conditions of higher humidity, as well as putting pressure on products result in its caking.

Hexamethylenetetramine technical to be stored in covered, well ventilated warehouses, protected from direct sunlight and atmospheric precipitations, on pallets at the height of not less than 5 cm from the floor and at a distance of not less than 1 m from the heating units. It is not recommended to put the big bags and unit loads on the top of each other.

### **Manufacturer's guaranty**

Guaranty period of storage is 3 years from the manufacturing date, provided that all transportation and storage rules are observed.

### **Sales in the Russian Federation and CIS**

Svetlana Gorskikh  
E-mail: [sale.mft@metafrax.ru](mailto:sale.mft@metafrax.ru)  
[Svetlana.Gorskikh@metafrax.ru](mailto:Svetlana.Gorskikh@metafrax.ru)  
Phone: +7 342 218-33-70 ext. 5697

### **Sales for export**

Pavel Pirogov  
E-mail: [export@metafrax.ru](mailto:export@metafrax.ru)  
[Pavel.Pirogov@metafrax.ru](mailto:Pavel.Pirogov@metafrax.ru)  
Phone: +7 342 489 28 05



### Main physical and chemical features

<b>Parameter name</b>	<b>Norm for type MK</b>
Appearance	White crystalline caking powder
Mass fraction of amines, %, no less	96,5
Mass fraction of water, %, no more	0,5
Residue after ignition, %	3,0
Residue after calcination on the sieve with the mesh size to be 0,1mm, %	no more 1
Content of the stabilizer, %	0,5 – 3,0

MK – stabilized micronized (with a particle size no more than 0,1 mm)