



**BIMEX CORP.**

**DATA SHEET**

***SODIUM HEXAMETAPHOSPHATE – TYPE 2***  
***Powder, Technical Grade***

**Identity Nr.** : 000176  
**Chemical name** : **Sodium hexametaphosphate, technical**  
**Chemical formula** :  $(\text{NaPO}_3)_x$   
**CAS Nr.** : 10124–56–8  
**EINECS-Nr.** : 233–343–1  
**Appearance** : white – greenish powder

<b>Chemical composition</b>		<b>Typical Analysis</b>	<b>Standard</b>
P <sub>2</sub> O <sub>5</sub>	%	68.2	68.0 ± 1.0
Na <sub>2</sub> O	%	29.8	min. 29.8
Loss on Ignition	%	0.05	max. 1.0
pH (1% solution)		6.4	6.5 ± 0.4
Fe	%	0.024	max. 0.03

**Solubility (g/100 g H<sub>2</sub>O):** 25° C > 100

**Application:**

- for production of inflammable materials
- for production of magnesite and chrommagnesite fire-resistant materials
- as sequestration agent for conditioning of boiler – and processed water
- in ceramic industry
- for production of dyestuff and coloring agents
- for the production of washing and cleaning agents
- for surface treatment of metals (metallurgy)
- in textile industry

**Package:** 25 kg PE bags on pallets or according to buyers wishes  
**Storage:** tightly closed in dry, cool place  
**Shelf life:** provided that the recommended storage conditions are maintained shelf life will be twelve (12) months.