



**BIMEX CORP.**

**DATA SHEET**

***SODIUM HEXAMETAPHOSPHATE***  
***Powder, Food Grade***

**Identity Nr.** : 005647  
**Chemical name** : **Sodium hexametaphosphate, food grade**  
**Chemical formula** :  $(\text{NaPO}_3)_x$   
**CAS Nr.** : 10124-56-8  
**EINECS-Nr.** : 233-343-1  
**E Nr.** : E 452  
**Appearance** : white powder

<b>Chemical composition</b>		<b>Typical Analysis</b>	<b>Standard</b>
P <sub>2</sub> O <sub>5</sub>	%	68.9	69.0 ± 1.0
Na <sub>2</sub> O	%	29.8	min. 29.5
Loss on Ignition	%	0.5	max. 1.0
pH (1% solution)		6.4	6.3 ± 0.2
As	ppm	1	max. 3
Pb	ppm	1	max. 5
F	ppm	4	max. 10
Heavy metals	ppm	5	max. 10

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

**Application:**

- in pharmaceutical industry
- in food industry
- 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.