



# HENAN FENGBAI INDUSTRIAL CO., LTD

NO.107.HUAYUAN RD., ZHENGZHOU AREA (JINSHUI),  
CHINA (HENAN) PILOT FREE TRADE ZONE

## Technical Data Sheet

**Product Name:** Sodium Hexametaphosphate (SHMP)

**Grade:** Industrial grade

**Molecular Formula:**  $(\text{NaPO}_3)_6$

**Standard Executed:** HG/T 2519-2007

**Properties:** White powder in appearance. Easily soluble in water but insoluble in organic solvents. It has strong hygroscopicity and can absorb humidity from the air which can cause the product to turn pasty in form. It may form soluble chelates with metal ions such as Ca, Ba, Mg, Cu and Fe; it is a fine agent for water treatment.

### Specification:

Indexes	Industrial Grade
Total phosphate, as $\text{P}_2\text{O}_5$ % $\geq$	68.0
Inactive phosphate, as $\text{P}_2\text{O}_5$ % $\leq$	7.5
Water Insoluble Matter % $\leq$	0.04
Iron ( Fe )% $\leq$	0.03
PH value (1% water solution)	5.8—7.0
Chain Length $\geq$	9
Solubility	Qualified

### Application:

Sodium Hexametaphosphate is used in oil field, paper-making, textile, dyeing, petrochemical industry, tanning industry, metallurgical industry and building material industry, it is mainly used as a water softening agent in solution for printing, dyeing, and boiler; Diffusant in papermaking; slow corrodent, floating agent, dispersing medium, high temperature agglomerant, detergent and soil analytical chemistry reagent.

### Package and Storage:

plastic-woven sack with polythene inner bag, net weight 25kg, 50kg or 1000kg; keep away from water or moisture, do not pile up the open air.

### Notes:

Irritating to eyes, respiratory system and skin

Wear suitable protective clothing

Avoid contact with skin and eyes

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.



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## Neutral Packing:

Net 25kgs pp bag



Net 25kgs kraft paper bag





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Net 1000kgs pp bag with pallets

