

# Asiaphos

## PRODUCT DATA SHEET



**Product Name:** Sodium Hexametaphosphate  
**Grade:** Technical grade / Food grade  
**Form:** White Powder / Granular / Plates

**Spec. No. :** NC-SHMP-T/FG-01  
**CAS Number:** 1)68915-31-1  
2)10124-56-8

**Other Trade Name:** Glassy Sodium Phosphate  
**Chemical Formula:** (NaPO<sub>3</sub>)<sub>6</sub>  
**H.S.CODE:** 28353919 (Technical Grade)  
28353911 (Food Grade)

**Molecular Weight:** 611.77  
**Hazard Classification:** N.A.

**Product Description:** White, free-flowing powder / granular / plates  
Production Plant Accredited to ISO9001:2008 & ISO14001:2004

Specification:	Unit	Technical Grade	Food Grade
Assay (as P <sub>2</sub> O <sub>5</sub> )	%	≥68	≥68
Inactive phosphates (as P <sub>2</sub> O <sub>5</sub> )	%	≤7.5	≤7.5
pH	ppm	5.8-7.3 (Low /High PH on customer's request)	5.8-7.3 (Low /High PH on customer's request)
Water insoluble matter	%	≤0.10	≤0.06
Fluoride (as F)	ppm		≤50
Arsenic (as As)	ppm		≤3
Heavy metals (as Pb)	ppm		≤10
Iron (as Fe)	ppm	≤300	≤200

**Particle Size:** Powder / Granular / Plates  
**10--80 mesh recommended, customized milling & screening on request**

**Packaging:** 50lbs / 25kg / 50kg / 1000kg / 1200kg bags on request

**Application:** In food industry, mainly used as quality improver, pigment stablizer and emulsifier agent of canned food, dairy products, soft drinks and soy milk  
In aquatic products and meat processing, used as function agents to hold water, tenderize and keep fresh  
For industrial application, used as water softener and metal ion chelating agent of boiler water, dyeing bath and water treatment  
In paper-making and paint industry, used as dispersing agent; also used as mining, oil fields, textile, etc.

**Technical Service:** For technical assistance, contact us at: [technical@norwestchemicals.com](mailto:technical@norwestchemicals.com)

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