

# Asiaphos

## PRODUCT DATA SHEET



**Product Name:** Monosodium Phosphate Anhydrous  
**Grade:** Technical grade/Food grade  
**Form:** White Crystal Powder / Granular  
**Other Trade Name:** Monosodium orthophosphate  
**Chemical Formula:** NaH<sub>2</sub>PO<sub>4</sub>  
**HS.Code:** 28352200

**Spec. No. :** NC-MSP-T/FG-01  
**CAS Number:** 7558-80-7  
**Molecular Weight:** 119.98  
**Hazard Classification:** N.A.

**Product Description:** White Crystal Powder / Granular  
Production Plant Accredited to ISO9001:2008 & ISO14001:2004

Specification:	Unit	Technical Grade	Food Grade
Assay (as NaH <sub>2</sub> PO <sub>4</sub> )	%	≥98	≥98
Water insoluble matter	%	≤0.15	≤0.2
pH	ppm	4.2-4.6	4.2-4.8
Heavy metals (as Pb)	ppm		≤10
Arsenic (as As)	ppm	≤100	≤3
Lead (as Pb)	ppm		≤4
Fluoride(as F)	ppm	≤50	≤50
Iron (as Fe)	ppm	≤50	
Sulphate (as SO <sub>4</sub> )	%	≤0.5	
Chloride (as Cl)	%	≤0.4	
Loss of dryness	%	≤2.0	≤2.0

**Particle Size:** As to client's request, from Coarse Granular to fine powder available

**Packaging:** 50lbs / 25kg / 50kg / 600kg / 1000kg / 1200kg bags on request

**Application:** In the food industry, such as baby, health and dairy products, used as emulsifier, chelating agent, buffer agent, stabilizer and taste regulator  
For industrial application, used as boiler water treatment, electroplating, leather producing, dye additives and metal cleaning agent  
Also used as the raw material of producing sodium hexametaphosphate and tetrasodium pyrophosphate  
In the pharmaceutical industry, used as excitement tablets and fermentation broth etc

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

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