

# Asiaphos

## PRODUCT DATA SHEET



**Product Name:** Sodium Tripolyphosphate  
**Grade:** Technical grade / Food grade  
**Form:** White Granular / Powder  
**Other Trade Name:** Pentasodium Tripolyphosphate  
**Chemical Formula:**  $\text{Na}_5\text{P}_3\text{O}_{10}$   
**H.S.CODE:** 28353190 (Technical Grade)  
28353110 (Food Grade)

**Spec. No. :** NC-STPP-T/FG-01  
**CAS Number:** 7758-29-4  
**Molecular Weight:** 367.86  
**Hazard Classification:** N.A.

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

Specification:	Unit	Technical Grade	Food Grade
Assay (as $\text{Na}_5\text{P}_3\text{O}_{10}$ )	%	≥94	≥94
P2O5	%	≥56	≥56
pH	ppm	9.2-10.3	9.2-10.3
Bulk Density	g/ml	low: 0.3-0.5 middle: 0.5-0.85 high: 0.9-1.2 different bulk density on customer's request	low: 0.3-0.5 middle: 0.5-0.85 high: 0.9-1.2 different bulk density on customer's request
Water insoluble matter	%	≤0.15	≤0.1
Fluoride (as F)	ppm		≤50
Arsenic (as As)	ppm		≤3
Heavy metals (as Pb)	ppm		≤10
Lead (as Pb)	ppm		≤4
Iron (as Fe)	ppm	≤100	≤50
Whiteness	%	≥85	≥90

**Particle Size:** As to client's request, from Coarse Granular to fine powder available  
(8-40 mesh, 16-60 mesh, 20-100 mesh for customer's choice)

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

**Application:** In food industry, mainly used as quality improver of canned food, dairy products, soft drinks and soy milk  
Tenderizes the meat in hams and softens the skin of bean products.  
In aquatic products and meat processing, used as function agents to hold water, tenderize, swell and bleach  
For industrial application, used in detergent, oil fields, ceramic, mining, paper-making, water treatment and textile, etc.

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

**Comments:** For pricing and further information, please contact us at: [commercial@norwestchemicals.com](mailto:commercial@norwestchemicals.com).

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Updated on 22 February 2013  
Supersedes: NC-STPP-TG-MDAGL-01  
NC-STPP-TG-LDAGL-01  
NC-STPP-FG-LDAPL-01  
NC-STPP-TG-HDAGL-01