

3-6 Trisodium Phosphate (TSP)

I. Product Overview

Product Name: Trisodium Phosphate (TSP)

Category: Sodium Phosphate Salt

CAS Number: 7601-54-9

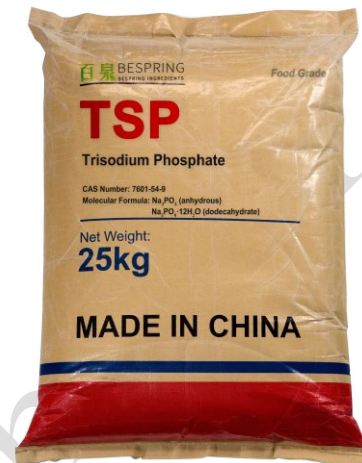
Molecular Formula: Na_3PO_4 (anhydrous)

$\text{Na}_3\text{PO}_4 \cdot 12\text{H}_2\text{O}$ (dodecahydrate)

Packing Specifications: 25 kg/bag, 24 tons/20FCL

Minimum Order Quantity: 500 kg

Quality Standards: HACCP, Kosher, Halal, ISO



II. Product Specifications

Item	Unit	Specification
Appearance	-	White crystalline or granular powder
Trisodium Phosphate (Na_3PO_4) Content	-	-
Anhydrous (as dried Na_3PO_4)	%	≥ 97.0
Dodecahydrate	%	≥ 92.0
Arsenic (As)	%	≤ 0.0003
Fluoride (F)	%	≤ 0.005
Heavy Metals (as Pb)	%	≤ 0.001
Insoluble in Water	%	≤ 0.2
Loss on Drying	-	-
Anhydrous	%	≤ 2.0
Dodecahydrate	%	45.0-57.0

III. Applications

- In the food industry, including dairy products, processed meats, processed cheeses, and beverages, it is used as a water retention agent. In industrial applications, it

serves as a water softener, boiler descaling agent, metal rust inhibitor, and sugar juice purifier, among other uses.

IV. Storage Conditions

Trisodium Phosphate (TSP) should be stored in a cool, dry, and ventilated place, away from direct sunlight and high temperature and humidity environments. The storage temperature should not exceed 30°C.