

3-7 Sodium Hexametaphosphate (SHMP)

I. Product Overview

Product Name: Sodium Hexametaphosphate (SHMP)

Category: Sodium Phosphate Salt

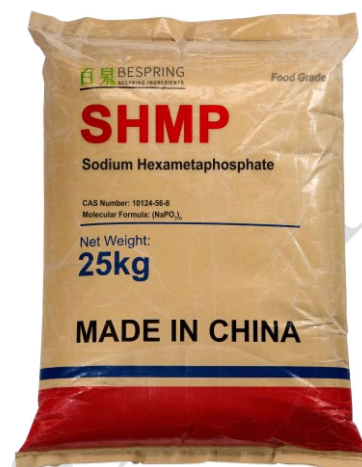
CAS Number: 10124-56-8

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

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
P ₂ O ₅ Content (as dry basis)	%	≥68.0
Inactive Phosphates	%	≥7.5
Water Insoluble Matter	%	≤0.06
Iron (Fe)	%	≤0.02
Heavy Metals (as Pb)	%	≤0.001
Arsenic (As)	%	≤0.0003
pH Value	-	5.8-6.5
Fluoride (F)	%	≤0.003
Appearance	-	White powder or granules

III. Applications

- In the food industry, it is used as a water retention agent, acidity regulator, emulsifying agent, and firming agent. Applications include processed meat, canned food, and beverages.

IV. Storage Conditions

Sodium Hexametaphosphate (SHMP) should be stored in a cool, dry, and well-ventilated

place, away from direct sunlight and high temperature and humidity environments. The storage temperature should not exceed 30°C.

Bespring Chemical