

## 1-6 Tripotassium Phosphate (TKP)

### I. Product Overview

**Product Name:** Tripotassium Phosphate (TKP)

**Category:** Potassium Phosphate Salt

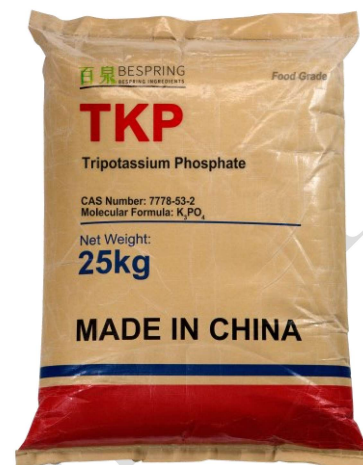
**CAS Number:** 7778-53-2

**Molecular Formula:**  $K_3PO_4$

**Packing Specifications:** 25 kg/bag, 22 tons/20FCL

**Minimum Order Quantity:** 500 kg

**Quality Standards:** HACCP, Kosher, Halal, ISO



### II. Product Specifications

Item	Specification
Tripotassium Phosphate ( $K_3PO_4$ ) Content	$\geq 97.0\%$
Arsenic (As)	$\leq 0.0003\%$
Fluoride (F)	$\leq 0.001\%$
Heavy Metals (as Pb)	$\leq 0.0015\%$
Lead (Pb)	$\leq 0.0002\%$
Water Insoluble Matter	$\leq 0.2\%$
Loss on Ignition	$\leq 8 \sim 20\%$

### III. Applications

Tripotassium Phosphate (TKP) has a wide range of applications, mainly in the following areas:

#### Industrial Applications:

- **Liquid Soap Manufacturing:** Used in the production of liquid soap.
- **High-Quality Paper Manufacturing:** Used in the production of high-quality paper.
- **Gasoline Refining:** Used in gasoline refining.

#### Food Industry:

- **Emulsifier:** Used in food processing to evenly mix fats and water.
- **Fortifier:** Used in food processing to enhance the nutritional value of food.
- **Flavoring Agent:** Used to improve the flavor of food.
- **Meat Binder:** Used to improve the binding properties of meat products.

#### Agricultural Applications:

- **Fertilizer:** Tripotassium Phosphate is a highly efficient potassium-phosphorus compound fertilizer that provides crops with two essential nutrients, phosphorus and potassium, to promote their growth and development.

#### IV. Storage Conditions

Tripotassium Phosphate (TKP) 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.