



# Sodium Tripolyphosphate Powder [STPP]

## **SYNONYMS:**

Pentasodium triphosphate; Sodium triphosphate; STPP

**CAS No:** 7758-29-4

**MOLECULAR FORMULA:** Na<sub>5</sub>P<sub>3</sub>O<sub>10</sub>

## **PROPERTIES:**

White powder, surface density: 0.35-0.9g/cm<sup>3</sup>, melting point: 622, free soluble in water, aqueous solution appears acid. It is a kind of inorganic surface active agent.

## **SPECIFICATION:**

Main Content (as Na <sub>5</sub> P <sub>3</sub> O <sub>10</sub> )	> 98.0% min
Phosphorus Pentoxide (P <sub>2</sub> O <sub>5</sub> )	> 57%
Whiteness	> 90%
Insoluble Matter in water	< 0.1%
Iron (Fe)	< 0.01%
PH Value (10g/l solution)	9.2-10.0
Density g/cm <sup>3</sup>	0.4-1.0

## **USAGE:**

Technical grade is mainly used in scour, petroleum, metallurgy, mining, water - treatment, printing and dyeing industry. One of the main auxiliaries for synthetic detergent, synergist for soap tanning agent for leather making , auxiliary for dyeing. As an oil contamination resistance agent in paper production. In foodstuff industry it is used as quality improver in the process of canned food, fruit juice drinks, foodstuffs from milk or soybeans. It may tender the meat in canned ham and soften the skin of horse bean in canned horse bean. It may also serves as a softener or densifier in foodstuff industry.

## **PACKING**

25Kgs net bag.