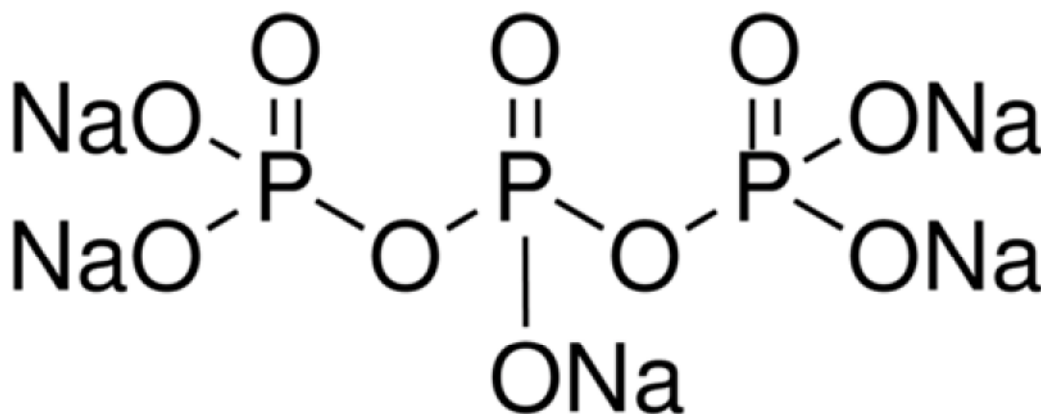


Sodium Tripolyphosphate

Description

Sodium tripolyphosphate is an inorganic compound and a sodium salt of triphosphoric acid. It exhibits excellent moisture-retention, mineral-fortifying and stabilizing properties. These characteristics make it a valuable additive in animal feed products, enhancing nutritional value and overall product quality.

▪ Chemical name	Sodium tripolyphosphate; Pentasodium triphosphate
▪ INCI/USAN name	Pentasodium triphosphate
▪ Abbreviation	STPP
▪ CAS number	7758-29-4
▪ EC number	231-838-7
▪ Chemical formula	Na ₅ P ₃ O ₁₀



Sodium Tripolyphosphate

Typical properties

Appearance	White powder
P ₂ O ₅ content (%)	57.5 ± 0.9
Phosphorus content (%)	25.1 ± 0.4
Sodium content (%)	31.2 ± 1.0
pH value (1% solution)	9.6 – 10.2
Bulk density (g/L)	approx. 1000
Insoluble in water (%)	max. 0.1
Insoluble phosphorous (% in 2% citric acid)	max. 10
Loss on drying (%)	max. 2.0
Fluoride	max. 10 ppm
Arsenic	max. 1 ppm
Cadmium	max. 1 ppm
Lead	max. 1 ppm
Mercury	max. 0.1 ppm

Packaging

This product is available in the form of 25kg bags. Transported in FEED CERTIFIED trucks. Other packaging types only available at request.

Storage

Store this product in a cool and well-ventilated place. Keep away from moisture. Shelf life of 36 months under appropriate conditions of storage.