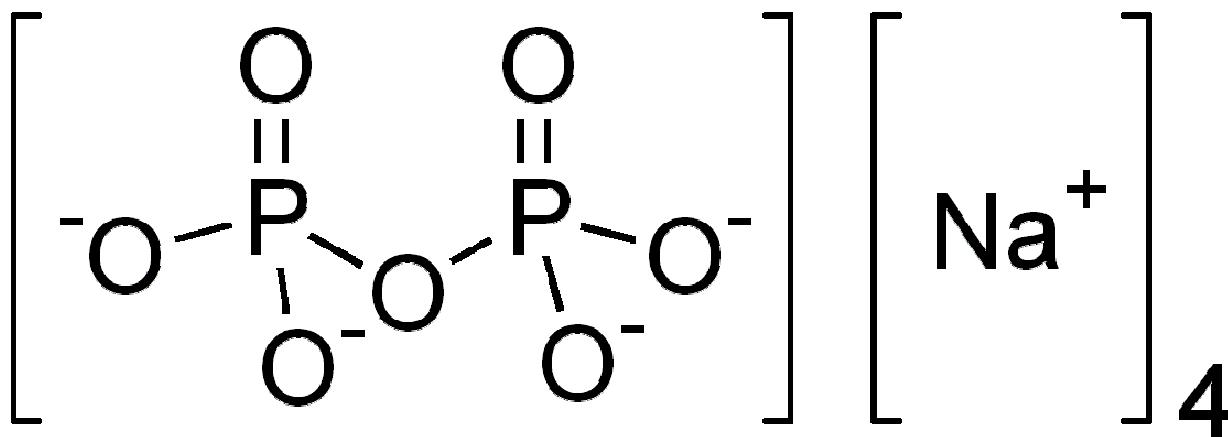


Tetrasodium Pyrophosphate

Description

Tetrasodium pyrophosphate is an inorganic compound and a sodium salt of pyrophosphoric acid. Tetrasodium pyrophosphate exhibits strong sequestration, buffering and emulsifying properties. These characteristics make it a widely used and versatile food additive, improving the quality and functionality of various products in the food industry.

▪ Chemical name	Tetrasodium pyrophosphate
▪ INCI/USAN name	Tetrasodium diphosphate
▪ Abbreviation	TSPP
▪ CAS number	7722-88-5
▪ EC number	231-767-1
▪ Chemical formula	Na ₄ P ₂ O ₇



Tetrasodium Pyrophosphate

Typical properties

Appearance	White powder
Na ₄ P ₂ O ₇ content (%)	min. 96.0
P ₂ O ₅ content (%)	53.3 ± 0.5
pH value (1% solution)	10.0 – 10.6
Bulk density (g/L)	800 – 900
Insoluble in water (%)	max. 0.1
Loss on glowing (%)	max. 0.5
Fluoride	max. 10 ppm
Arsenic	max. 1 ppm
Cadmium	max. 1 ppm
Lead	max. 1 ppm
Mercury	max. 1 ppm

Packaging

This product is available in the form of 25kg bags. Transported in DEDICATED FOR FOOD GRADE 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.