

Tri sodium phosphate: Trisodium Phosphate (TSP) is a versatile compound with a wide range of applications across various industries. Its properties as a pH regulator, emulsifier, and buffering agent make it indispensable in food processing, pharmaceuticals, and industrial applications.

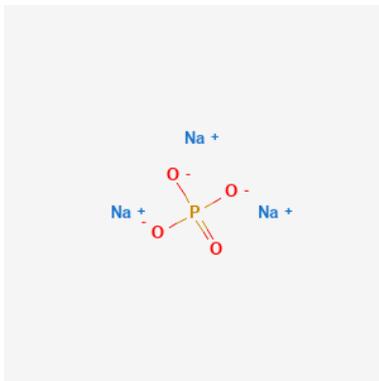
Chemical name: Tri sodium phosphate

Chemical formula: $\text{Na}_3\text{PO}_4 \cdot 12\text{H}_2\text{O}$

E number: E339 (iii)

Molecular weight: 380.12 g/mol

Structural formula:



Uses: Food Industry Applications (Emulsifier, pH Buffer, Leavening Agent, Preservative, Texture Enhancer), Pharmaceutical and Medical Uses (Buffering Agent, Laxative, Electrolyte, Supplement), Industrial and Other Applications (Water Treatment, Cleaning Agent, Cosmetic Use)