

Di sodium phosphate: Disodium Phosphate (DSP), chemically known as sodium hydrogen phosphate (Na_2HPO_4), is a versatile inorganic compound with diverse applications across various industries. In the food sector, DSP serves multiple roles, including as an emulsifier, pH regulator, leavening agent, preservative, and flavour enhancer. It aids in maintaining the texture, stability, and shelf life of products such as dairy items, processed meats, baked goods, and beverages.

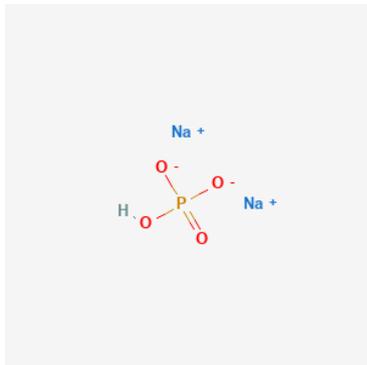
Chemical name: Di sodium phosphate

Chemical formula: Na_2HPO_4

E number: E339 (ii)

Molecular weight: 141.96 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)