

Di potassium phosphate: Dipotassium Phosphate is an inorganic compound formed by neutralizing phosphoric acid with potassium hydroxide. It appears as a white, deliquescent powder and is highly soluble in water. DKP is widely utilized across various industries due to its buffering, emulsifying, and nutrient properties

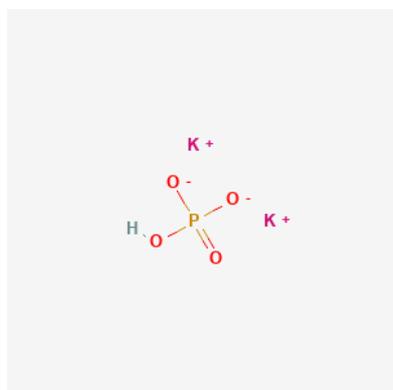
Chemical name: Di potassium phosphate

Chemical formula: K_2HPO_4

E number: E340 (ii)

Molecular weight: 174.2 g/mol

Structural formula:



Uses: Food and Beverage Industry (Buffering Agent, Emulsifier and Stabilizer, Nutrient Fortification), Agriculture and Fertilizers (Nutrient Source, Soil pH Regulation, Hydroponic Systems), Pharmaceutical Industry (Buffering Agent, Emulsifying Agent, Tablet Component, Water Treatment, Corrosion Inhibition), Cleaning and Detergents (pH Buffer, Water Softener), Cosmetics and Personal Care, Animal Feed (Nutrient Supplement).