



# Lianyungang Kede Chemical Industry Co.,Ltd.

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## Disodium Phosphate

- Chemical Name: Disodium Phosphate;
- Formula:  $\text{Na}_2\text{HPO}_4$ ,  $\text{Na}_2\text{HPO}_4 \cdot 2\text{H}_2\text{O}$
- Molecular Weight: 141.96,177.99
- Specificity : White or crystalline powder or as granules. Both forms are freely soluble in water and insoluble in alcohol. it's relative density at 1.63, melting point at 34.6°C.
- Quality standard:

Name of index	FCC-V
Assay(As $\text{NaH}_2\text{HPO}_4$ after drying) , $\geq\%$	98.0
Arsenic, $\leq\%$	0.0003
Fluoride, $\leq\%$	0.005
Lead, $\leq\%$	0.0004
Insoluble Substances, $\leq\%$	0.2
Loss on drying,Anhydrous $\leq\%$	5.1
Dihydrate $\leq\%$	18.0-22.0

- USES: Used as a fire-prevention agent for fabric, timber, and paper, also as water softening agent for boiler, food additive, buffering agent ,solder, tanning agent, etc.
- Packing: It is packed with polyethylene bag as liner, and Composite paper bag as the out layer The net weight of each bag is 25kg.
- Storage and Transport: It should be stored in a ventilative and dry warehouse instead of in the open air, kept away from water, moisture and sunlight during transport, handled with care, so as to avoid damage to plastic bags. Furthermore, it should be stored separately from poisonous substances.