



# Lianyungang Kede Chemical Industry Co.,Ltd.

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## Trisodium Phosphate

- Chemical Name: Trisodium Phosphate;
- Formula:  $\text{Na}_3\text{PO}_4$ ,  $\text{Na}_3\text{PO}_4 \cdot 12\text{H}_2\text{O}$
- Molecular Weight: 163.94 380.12
- Specificity : Anhydrous or have 1-12  $\text{H}_2\text{O}$ .Generally are anhydrous and 12  $\text{H}_2\text{O}$  products.The chemical formula for 12  $\text{H}_2\text{O}$  products is  $4(\text{Na}_3\text{PO}_4, \text{Na}_3\text{PO}_4 \cdot 12\text{H}_2\text{O})\text{-NaOH}$ .White or colorless crystals,granular,or powder.odourless.easily soluble in water,but not in alcohol.PH value of 1% solution is 11.5-12.5
- Quality standard:

Name of index	FCC-V
Assay anhydrous(on the ignited basis) $\geq\%$	97.0
Dodecahydrate (on the ignited basis) $\geq\%$	90.0
Arsenic, $\leq\%$	0.0003
Fluoride, $\leq\%$	0.005
Lead, $\leq\%$	0.0004
Insoluble Substances, $\leq\%$	0.2
Loss on IgnitionAnhydrous $\leq\%$	2.0
Dodecahydrate $\leq\%$	45.0-57.7

- 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.