



Product Information Sheet

Trisodium Phosphate, Dodecahydrate

Tribasic, Sodium Phosphate

CAS #:	10101-89-0
Chemical Formula:	Na ₃ PO ₄ ·12H ₂ O
Appearance And Odor:	Odorless, white granular or crystal solid
Molecular Weight:	380.124

Application:

Used in Cleaning compounds as a source of alkali, water treatment to precipitate hardness salts, corrosion control

Chemical Analysis:

Component	Typical	Guaranteed
Assay	98.25%	98% Min
Phosphorus Pentoxide	18.55%	18.3 Min
Sulfate (SO ₄)	0.2%	0.5% Max
Chloride (Cl)	0.09%	0.3% Max
Na ₂ O	17.5%	16-19%
Methyl Orange Alkalinity	16-19%	16-19%
Iron content	0.015%	0.015% Max

Physical Properties:

Component	Typical	Guaranteed
pH: (1% Solution):	11.3	11.0 Min
Bulk Density Tapped	.93 g/ml	
Water Insolubles	0.008%	0.1 Max

Packaging:

25 kg (55.1 lb) bags on shrink-wrapped pallets; can be stored in a normal warehouse area.

GHS Labeling Information:



Signal Word
Danger

Product Of
China

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