



Vinfoerm Trisodiumphosphate

1. Product data

Supplier product name: Trisodium Phosphate 12-Hydrate
Chemical formula: $\text{Na}_3\text{PO}_4 \cdot 12 \text{H}_2\text{O}$
Molecular weight: 380
CAS-N°: 10101-89-0
EINECS: 2315098
Description : Colourless crystals

2. Analytical values

Na ₂ O (%)	26.5
P ₂ O ₅ (%)	19
Loss on ignition (%)	54
pH-value (1%)	12
Arsenic (ppm)	<1
Lead (ppm)	<1
Fluoride (ppm)	1
H ₂ O-insoluble substances (%)	<0.01
Bulk density (g/l)	900
Screen analysis on 0.425mm (%)	50
Screen analysis through 0.045 mm (%)	2
Solubility (g/100g H ₂ O) 10°C/25°C/50°C	7/20/81

3. Properties / Mode of action

The aqueous solution of Trisodium Phosphate has a strong alkaline action. It reacts with alkaline earth and heavy metal salts to give Phosphates of very low solubility. Trisodium Phosphate has excellent buffering qualities.

4. Applications

Cleaning agents, Metal treatment, Water treatment

5. Standard packaging

Bags: 1kg - 25kg

6. Storage

Cool, dry, closed. Shelf life 2 years.

Brouwland

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