



Vinfoerm Trisodiumphosphate

1. Product data

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|------------------------|--|
| 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-Nº: | 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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