



prayphos™
PRAYPHOS™ TSP 12 TG

DESCRIPTION

General Description Trisodium phosphate dodecahydrate technical grade Hygroscopic white crystals. Risk of caking.		Date effective – edition October, 2017-01
Grade Technical grade	Formula Na ₃ PO ₄ · 0,25 NaOH · 12 H ₂ O	Molecular weight 390
EINECS 231-509-8	CAS number 10101-89-0	

PRODUCT CHARACTERISTICS

Chemical properties	Unit	Typical analysis	Specifications	Methods
Total P ₂ O ₅ (as is)	%	18.4	18.0 Min.	471 ME 029
pH solution 1%		12.1	11.0 – 13.5	471 ME 019
Physical properties				
Bulk density	g/cm ³ lbs/ft ³	0.90 56	0.85 – 1.00 53 – 62	471 ME 001 Calculation
Solubility in water @ 20°C	g/L water	330		

STORAGE & SHELF LIFE

Store in a cool and dry place. Keep in the packaging of origin, shrink-wrapped.
 Best before: 2 years after production date.



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KEY PROPERTIES

pH buffering

APPLICATIONS

- Buffering agent
- Water treatment

Plant location	Les Roches – France
Packaging types	Multiwall paper bags of 25 kg net
Handling precautions	See MSDS

CERTIFICATIONS

ISO 9001 (Quality) – OHSAS 18001 (Security) – ISO 14001 (Environment) – Kosher Pareve Passover – Halal

REGULATIONS & STATEMENTS

GMO free – Allergen free – BSE/TSE free – Mineral origin

MISCELLANEOUS

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