



	
Material Group:	64512
Date:	Mar. 2018

DESCRIPTION

General Description Tetrapotassium pyrophosphate technical grade Hygroscopic white powder. Risk of caking.		Date effective – edition November, 2017 – 01
Grade Technical grade	Formula K ₄ P ₂ O ₇	Molecular weight 330
EINECS 230-785-7	CAS number 7320-34-5	

PRODUCT CHARACTERISTICS

Chemical properties	Unit	Typical analysis	Specifications	Methods
Total P ₂ O ₅ (anhydrous)	%	43.1	42.0 – 43.7	471 ME 029
pH solution 1%		10.5	10.1 – 10.7	471 ME 019
Impurities content				
Fe	ppm	8.4	20.0 Max.	471 ME 055
Physical properties				
Bulk density	g/cm ³	0.93	0.80 – 1.20	471 ME 001
	lbs/ft ³	58	50 – 75	Calculation

THEORETICAL VALUES

Solubility	672 – 699 g/L water @ 20 °C (Material highly soluble in water)
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STORAGE & SHELF LIFE

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



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KEY PROPERTIES

- Sequestering agent
- pH control

MAIN APPLICATIONS

- Detergents and cleaners
- Water treatment
- Metal treatment

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

CERTIFICATIONS

ISO 9001 (Quality) – OHSAS 18001 (Security) – ISO 14001 (Environment) – Kosher Pareve Passover – Halal – NSF / ANSI Std. 60 (Drinking Water Treatment Chemicals)

REGULATIONS & STATEMENTS

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

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Drinking Water Treatment Additive
NSF/ANSI Standard 60
18 YN
Maximum use level: 17.0 mg/L