



**polypray™**  
**POLYPRAY™ LDA GR**

	
Material Group:	104640
Date:	Oct. 2019

**DESCRIPTION**

<b>General Description</b> Sodium tripolyphosphate technical grade Hygroscopic white granular. Risk of caking.		<b>Date effective – edition</b> July, 2019 – 01
<b>Grade</b> Technical grade	<b>Formula</b> Na <sub>5</sub> P <sub>3</sub> O <sub>10</sub>	<b>Molecular weight</b> 368
<b>EC number</b> 231-838-7	<b>CAS number</b> 7758-29-4	

**PRODUCT CHARACTERISTICS**

Chemical properties	Unit	Typical analysis	Specifications	Methods
Total P <sub>2</sub> O <sub>5</sub> (anhydrous)	%	57.3	56.0 Min.	ELC 20
Assay	%	> 92.0	92.0 Min.	Calculation
pH solution 1%		9.9	9.5 – 10.2	ELC 17
Loss on desiccation @ 150 °C	%	< 0.50	0.50 Max.	ELC 14
<b>Physical properties</b>				
Bulk density	g/cm <sup>3</sup> lbs/ft <sup>3</sup>	0.45 28	0.42 – 0.46 26 – 29	ELF 21 Calculation
<b>Granulometry</b>				
Cumulated retain on:				
1000 µm (± 18 US mesh)	%	< 1	–	ELF 24
500 µm (± 35 US mesh)	%	< 50	–	ELF 24
71 µm (± 210 US mesh)	%	> 90	–	ELF 24

**THEORETICAL VALUES**

Solubility	140 g/L water @ 20 °C
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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.



## PRODUCT SPECIFICATION DATA SHEET

INDUSTRIAL



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### KEY PROPERTIES

Sequestrant, dispersant, pH buffer agent

### MAIN APPLICATIONS

Detergent solutions, powder detergents

<b>Plant location</b>	Engis - Belgium
<b>Packaging types</b>	Multiwall paper bag of 20 kg net or big bag of 700 kg
<b>Handling precautions</b>	See MSDS

### CERTIFICATIONS

ISO 9001 (Quality) – OHSAS 18001 (Security) – ISO 14001 (Environment) – ISO 50001 (Energy) – Kosher Pareve Passover – Halal – NSF / ANSI Std. 60 (Drinking Water Treatment Chemicals)

### REGULATIONS & STATEMENTS

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

### MISCELLANEOUS

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### VALIDITY

Subject to modification of the formulation of the product, the manufacturing process or the regulations, the validity of this sheet is 3 years



Drinking Water Treatment Additive  
NSF/ANSI Standard 60  
18 YN  
Maximum use level: 13.0 mg/L

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**Refer to the appropriate Safety Data Sheet for health, safety and environmental information**