

Typical chemical and physical properties

Mixture of neutralised mono- and di-phosphate esters of an oxo-alcohol ethoxylate with potassium hydrogen phosphate in water. Imparts physical properties like anti-corrosion properties and surface tension reduction. Shows chemical stability in alkaline and acidic solutions. Possesses very good hydrotropic properties and very good wetting and dispersing ability, due to which it is used as a very good detergent booster. Improves gloss and promotes colour acceptance in latex paint formulations. Exhibits low surface tension properties to 30 dynes. Suitable for coatings.

Mono- and di-phosphate esters of oxo-alcohol ethoxylate with potassium hydrogen phosphate in water.

Appearance	Liquid	
Phosphorus content	~2%	
Solubility		
Water	Soluble	
Odour	Ester	
Density at 25°C	1,14 - 1,2	g/ml
pH at 25°C	7 - 8	
Viscosity at 25°C	200 - 500	mPa·s

This information is intended as a guideline only. For specifications please consult the Certificate of Analysis.

Application and treat level

Markets	Industrial Cleanings industry Textile industry Coating industry Additives industry
Applications	Industrial cleaners Textiles (emulsifier) Coatings Anticorrosion systems

Key benefits

- Inherently biodegradable -- VOC free -- PFAS Free -- Free of MOSH/MOAH -- Free of silicone oils -
- Easy to handle liquid, soluble in water, insoluble in aromatic, chlorinated and aliphatic hydrocarbons.
- Very effective with low foaming surfactants.
- Corrosion protection properties.
- Chemically stable in acidic and alkaline solutions.
- Exhibits low Surface Tension properties to 23 dynes.
- It has excellent hydrotropic properties.
- Excellent detergent booster due to its very good wetting and dispersing ability.
- Improves gloss and promotes colour acceptance in latex paint formulations.
- Helps minimizing nail head and flash rusting.
- Lubrication in water.

Safety and Handling	Please read Safety Data Sheet (SDS) before handling.
Product Specification	This information is available on request through our local representative.
Packaging	This information is available on request through our local representative.
Storage	The product should be stored at a temperature of no less than 10 °C and no more than 25 °C and away from light. For more safety details read the Safety Data Sheet (SDS)
Quality Policy	The objective of our quality policy is the continuous fulfillment of the internal and external requirements agreed upon with our partners with regards to everybody's performance. □ The Quality System of ADDAPT® Chemicals BV is based on the principles of the NEN - EN - ISO - Standard 9001:2015.
Liabilities	<i>All recommendations for the use of our products, whether given by us in writing, orally, or to be implied from the results of tests carried out by us, are based on the current state of our knowledge. Notwithstanding any such recommendations, buyer or user remains responsible for satisfying himself that the products as supplied by us are suitable for his intended process or purpose. Since we cannot control the application, use or processing of the products, we cannot accept responsibility thereof. Buyer has to ensure that the intended use of the products will not infringe any third party's intellectual property rights. We warrant that our products are free from defects in accordance with, and subject to, our general conditions of sale and supply.</i>

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