

Typical chemical and physical properties

PEX-106 is a mixture of mono- and di-Phosphate Ester(s). It imparts benefits like: Anti-Corrosion properties, Lubrication in water and Emulsification power.

It is a Phosphate Ester of an Oxo-Alcoholthoxylate.

Appearance	Clear yellowish liquid
Odour	Ester-like smell
Viscosity at 25 °C (Brookfield #2, 50 rpm)	500 - 950 mPa.s
Density (20 °C; g/cm ³)	1.07 – 1.11
Colour	max. 2.5 Gardner
pH	2.1 to 3.2 (10% in water)
Phosphorous content	Approx. 4.5 % (w/w)

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

Applications and typical treat level recommended

Industrial Cleaners
Textile (emulsifier)
Anti-corrosion systems

Benefits

Easy to handle liquid due to the low viscosity with very good solubility in water.

PEX-106 has a medium foaming tendency.

Exhibits low Surface Tension properties to 28 dynes.

Films based on polymers made with PEX-106 exhibit enhanced corrosion resistance.

PEX-106 is an effective corrosion inhibitor for neutralised or alkaline aqueous systems. Addition of PEX-106 to acetic acid based cleaners retards peeling of chrome plated copper and brass bathroom fittings.

It has excellent hydrotropic properties.

PEX-106 is an excellent detergent booster due to its very good wetting and dispersing ability.

The product is inherently biodegradable (OECD 302B)

ADDAPT[®] PEX-106

Safety and Handling	Please read Material Safety Data Sheet (MSDS) 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	ADDAPT [®] PEX-106 must be stored in tightly closed original containers away from frost, heat and direct sunlight.

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 *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.*

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