

Typical chemical and physical properties

PEX-080B is a mixture of mono- and di-Phosphate Ester(s). It imparts benefits like: Anti-Corrosion properties and Surface Tension reduction.

It is a Phosphate Ester of 2-Ethyl-Hexanol.

Appearance	Clear yellowish liquid
Odour	Ester-like smell
Viscosity at 25 °C (Brookfield #2, 50 rpm)	450 - 950 mPa.s
Density (20 °C; g/cm ³)	1.03 – 1.08
Colour	max. 2 Gardner
pH	0,5 to 2,0 (1% in water)
Phosphorous content	Approx. 11.5 % (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	Metal Working Fluids (1% - 1.5%)
Textile (emulsifier)	
Anti-corrosion systems	

Benefits

Easy to handle liquid, insoluble in water, soluble in certain solvents (White Spirit)

PEX-080B has a very low foaming tendency.

Exhibits low Surface Tension properties to 23 dynes.

Films based on polymers made with PEX-080B exhibit enhanced corrosion resistance.

PEX-080B is an effective corrosion inhibitor for neutralised or alkaline aqueous systems.

PEX-080B gives excellent corrosion protection for Cu-alloys

PEX-080B gives very good corrosion protection of Zn; Pb and Sn-surfaces. It prevents formation of Pb-soaps.

It has excellent hydrotropic properties.

PEX-080B is an excellent detergent booster due to its very good wetting and dispersing ability.

The product is inherently biodegradable (OECD 302B)

ADDAPT[®] PEX-080B

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-080B 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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