

Product description

Excellent aluminium, copper and ferrous corrosion inhibitor. It can be used in acidic as well as alkaline media. It is soluble in mineral oils and esters and dispersible in water.

Typical chemical and physical properties

Chemical nature	Proprietary mixture of mono- and di-phosphate esters and surface-active ingredients.	
Appearance	Yellow/brownish liquid	
Phosphorus content	~9%	
Solubility		
Water	Dispersible	
Mineral oil	Soluble	
Esters	Soluble	
Odour	Characteristic	
Density at 25°C	1,06 - 1,1	g/ml
Viscosity at 25°C	200 - 800	mPa·s

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

Application and treat level

Markets	Coatings industry Machinery industry Metalworking industry Cleaner industry
Applications	Coatings (upon neutralisation) Hydraulic fluids (HFA, HFC) Metalworking fluids (emulsions and synthetics) Surface cleaners
Recommended dosage/usage	All types of water based fluids, typical end use concentration of 0,5 - 1,5 wt. % such as: <ul style="list-style-type: none"> • High water based hydraulic fluids (HFA) • Water glycol hydraulic fluids (HFC) • Metal working fluids (emulsions and synthetics) • Surface cleaners • Water based emulsions (lacquers and paints) <p>Also suitable for mineral oil based systems, typical concentration of 0,5 – 1,5 wt. %</p>

Key benefits

- **Readily biodegradable** -
- Protection of aluminium, copper and ferrous substrates.
- Excellent long-term corrosion protection in DTM formulations.
- Prevents flash rust in alkaline systems.
- Easy to handle liquid due to the low viscosity.
- Contains no inorganic constituents.

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	<p>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.</p> <p>The Quality System of ADDAPT® Chemicals BV is based on the principles of the NEN - EN - ISO - Standard 9001:2015.</p>
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Liabilities	<p><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></p>
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