

Product description

Highly concentrated and active corrosion inhibitor designed for wire electrical discharge machines to eliminate rust build-up on parts subjected to the water in EDM machines.

Typical chemical and physical properties

Chemical nature	Proprietary blend of surfactants, coupling agents and organic amides.	
Appearance	Liquid	
Solubility		
Water	Soluble	
Mineral oil	Insoluble	
Odour	Barely perceptible	
Density at 25°C	1,14 - 1,18	g/ml
pH at 23°C	5 - 8	
Viscosity at 25°C	<50	mPa·s

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

Application and treat level

Markets	Metalworking industry Machinery industry
Applications	Electrical discharge machining (EDM) Metalworking fluids - Emulsions, water based systems, - Water-free ester based, - Water-free PAG based Emulsions & water-based systems
Recommended dosage/usage	Metal working fluids 2 to 10 % on total formulation EDM-machines 5 % in de-ionised water

Key benefits

- Readily biodegradable -- Biobased -

- Excellently suitable for wire EDM machines to eliminate rust build-up on parts subjected to de-ionised water.
- Offers excellent solubility in water and disperses well in water based systems.
- Only has to be added during the change of the water or when additional water has to be added to the replenish liquids due to evaporation.
- Will not be stripped out by the exchange resin.
- Will not affect the discharge process and will not affect the conductivity of the water.
- It does not dry or form any hard crust; it will not clog filters.
- Stable at a pH of 4 to 12.

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.
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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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