

Product description

Corrosion inhibitor package for high-performance coolants for heat exchange systems. It is free of borates, phosphates, amines and nitrites.

Typical chemical and physical properties

Chemical nature	Concentrated aqueous solution of inhibiting salts.	
Freezing point	-8°C	
Solubility	Miscible	
Water		
Odour	Characteristic	
Density at 20°C	1,34 -	g/ml
pH (3.5% in MEG-water (1:1)) at 20°C	8,5 - 9,5	
Colour	<500	Pt-Co
Reserve alkaline 0.1 HCL/10 ml - 3.5% in MEG	>13	ml

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

Application and treat level

Markets	Industrial machinery
Applications	Heat exchange systems
Recommended dosage/usage	<p>The requirement of ASTM D 3306* or ASTM D 4985* are fully met by adding 4% w/w of Coolant SiF-SP to MEG or MPG. In case higher reserve alkalinity is required or very diluted operative conditions are foreseen, it is advisable to add 5% of Coolant SiF-SP to MEG or MPG.</p> <p>(*) ref. chemical-physical properties and ASTM D 1384; except aluminium corrosion.</p> <p>Blending instructions:</p> <ul style="list-style-type: none"> • Pump the glycol in a mixer or tank • Add the SiF-SP under stirring • Stir for 30 minutes to homogenize.

Key benefits

- Free of phosphates -- Free of borates -- Free of nitrites -

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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