

Typical chemical and physical properties

ADDAPT® Anticor™ AM 4501 is an anti-corrosion additive for aqueous systems. Very effective ferrous corrosion inhibitor, but also protects surfaces of aluminium as well as magnesium and/or combinations of these metals when exposed to aqueous media.

This additive is specially developed for the electronic- and related industries.

It is a proprietary blend of organic acids and silanes.

All constituents are EINECS and are listed in international inventories.

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| Appearance | Clear brownish liquid |
| Density at 25 °C | 1.18 – 1.24 g/cm ³ |
| Viscosity at 25 °C | <100 mPa·s |
| Solubility Water | Soluble |
| Flash Point (Closed cup, ASTM D6450) | >30 °C |

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

Applications and typical treat level recommended

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| Metal working fluids (water based) | 0.2 to 2.0 %wt. in the final, ready to use, solution |
| Hydraulic fluids - HF-C, HF-A | |
| Ester based lubricants | |
| Textile fluids | |

Benefits

Anticor™ AM 4501 shows low foaming tendency.

Can be used in any water-based system that comes into contact with different grades of iron and aluminium surfaces.

Controls “pitting” of the metal surface.

Its use is not restricted by the water hardness.

ADDAPT[®] Anticor[™] AM 4501

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| 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. |

Quality Policy The objective of our quality policy is the continuous fulfilment 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 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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