### ANTICORROSIVE MU-HE

#### Areas of application

Anticorrosive MU-HE is a mild alkaline concentrate to be used in all kinds of aqueous cleaning equipment, especially for the application on metallic surfaces.

Anticorrosive MU-HE is a temporary corrosion inhibitor.

Anticorrosive MU-HE prevents all steel parts from corrosion because of its enormous capillary action.

Anticorrosive MU-HE produces on the surfaces a thin layer in order to prevent the metals from oxidation caused by the air of the room.

Anticorrosive MU-HE has a limited application if the parts have further treatment like coating, enamelling and varnish. In any case an evaluation of adhesion must be done before using the product in practice.

Anticorrosive MU-HE must be dosed into the last rinsing.

#### Corrosion protection

Anticorrosive MU-HE has special components for corrosion protection to prevent sensitive material from corrosion.

#### Method of application

**Suitable for automatic metering (time relay, volumetric control):**

- Concentration: 0.1 – 4.0 %
- Temperature: 50 – 85°C
- Spray pressure: 1 – 800 bar
- Time: 1 – 3 minutes

#### Material compatibility

PVDF, PP, PE, PVC, stainless steel, steel, grey cast iron, glass, ceramic and non-ferrous metals.

**Attention:**

In addition, further material incompatibilities cannot be excluded. Therefore, test the product on an unimportant spot before its definite use.
### Analysis of concentration
see titration method

### Physical and chemical properties

<table>
<thead>
<tr>
<th>Aspect/colour</th>
<th>Brownish</th>
</tr>
</thead>
<tbody>
<tr>
<td>Form</td>
<td>Liquid</td>
</tr>
<tr>
<td>Odour</td>
<td>Characteristic</td>
</tr>
</tbody>
</table>

#### Foaming behaviour
(see under conditions of application)
Not foaming

#### Phosphates
not applicable

#### Density (20°C) g/cm³
1.065 – 1.085

#### Concentration

<table>
<thead>
<tr>
<th>% in H₂O dest.</th>
<th>1 %</th>
<th>3 %</th>
<th>5 %</th>
</tr>
</thead>
<tbody>
<tr>
<td>pH value (1 %, 20°C)</td>
<td>9.1 – 10.1</td>
<td>not applicable</td>
<td>not applicable</td>
</tr>
<tr>
<td>Conductance (1 %, 20°C) mS/cm</td>
<td>not applicable</td>
<td>not applicable</td>
<td>not applicable</td>
</tr>
<tr>
<td>Phenolphthalein alkalinity (ml)</td>
<td>not applicable</td>
<td></td>
<td></td>
</tr>
<tr>
<td>m-Value (ml)</td>
<td>3.45 ± 0.15 (1 % at 10 ml sample)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Storage stability
+ 5°C to + 40°C

#### Remarks regarding biocides
not applicable

#### Hazardous products
2-aminoethanol

#### Risk symbols

![WARNING]

#### Special remarks
Always close the container with the original closure, and store the items in a cool area without solar radiation. Product which was taken out of the container must never be poured back into the container.

**Read in any case our safety data sheet before using the product!**

#### Disposal
Disposal acc. to official regulations, in case of doubt contact the manufacturer.

Please refer to our safety data sheets and our operating instructions with regard to precautionary measures, first aid measures and storage. The information given in the Sheet corresponds to the present state of our technical knowledge and experience. They do not constitute any guarantee; they are to be considered as basic information only. In particular they do not guarantee particular properties or the suitability for a concrete purpose. Because of the multitude of possible influences during the application of our products, the user has to make in any case the relevant tests and take the corresponding precautions. Any existing intellectual property rights are to be observed.