

# WA-1

## Water Conditioner



MAGNAFLUX® WA-1 is an excellent general-purpose water-conditioning liquid, designed specifically to enhance surface wetting and magnetic particle dispersion stability in water-based magnetic particle suspensions.

WA-1's unique blend of wetting agents, corrosion inhibitors, and anti-forming agents eliminates the need for additional water conditioning agents. And, as a liquid, WA-1 is easier to mix into solution than powder conditioners, especially when mixing into hard water.

### FEATURES

- Great for areas with hard water
- Provides excellent surface wetting
- Improves magnetic particle dispersion
- Superior short term corrosion inhibition
- Enhanced antifoam characteristics
- Disperses quickly in water
- Easy to prepare and use

### SPECIFICATION COMPLIANCE

- SAE AS7492

### APPLICATIONS

#### Ideal for:

- Water-based magnetic particle suspensions
- Mixing with hard-water

### COMPOSITION

A blend of liquid non-ionic surface active agents and corrosion inhibitors.

### PRODUCT PROPERTIES

<b>Form and colour</b>	Clear liquid
<b>Density</b>	1.085 g/cm <sup>3</sup>
<b>pH (1% solution)</b>	9.05

Like all Magnaflux materials, WA-1 is closely controlled to ensure batch-to-batch consistency, optimum process control and inspection reliability.

### USER RECOMMENDATIONS

<b>Storage temperature</b>	10°C to 30°C
<b>Usage temperature</b>	5°C to 55°C
<b>Concentration</b>	10 g/10 ml per litre of water
<b>Fluorescent magnetic inks/particles</b>	14A, 14HF, 410HF, MG 410, MG 601, WB-12, MF-655 WB
<b>Cleaner/remover</b>	SKC-S

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### INSTRUCTIONS FOR USE

Add WA-1 to water while stirring. Avoid using excessive amounts as heavy foaming can occur.

Add magnetic particles and stir until particles are dispersed. Before use, check the settlement volume.

### PACKAGING AND PART NUMBERS



x 6  
064C003

### HEALTH AND SAFETY

Review all relevant health and safety information before using this product. For complete health and safety information, refer to the Safety Data Sheets, which are available at [www.magnaflux.eu](http://www.magnaflux.eu)