NDTKALA.co
Non-Destructive Test (NDT) Equipment
تامین تجهیزات و مواد مصرفی تست های غیر مخرب ایران
۰۹۱۲۰۲۴۶۲۷۰ ۰۲۱-۷۱۰۵۳۸۸۸

# 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

| | |
|---|---|
| **Form and colour** | Clear liquid |
| **Density** | 1.085 g/cm$^3$ |
| **pH (1% solution)** | 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

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

064C002

## 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**