

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

- ASTM E-709-15
- 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



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