

MAGNAGLO[®] WA-2B and WC-1 WATER CONDITIONERS

GENERAL DESCRIPTION

Magnaglo[®] WA-2B Water Conditioner: Magnaglo[®] WA-2B is a white granular powder used in wet method magnetic particle testing when water is used as the bath vehicle. WA-2B water conditioner gives the water bath good surface wetting as well as magnetic particle dispersion capabilities and will not cake during storage. Its unique blend of wetting agents, corrosion inhibitors, and anti-foaming agents eliminates the need for any additional water conditioning agents.

Magnaglo[®] WC-1 Water Conditioner: Magnaglo[®] WC-1 is a liquid used in water-born wet method magnetic particle testing. WC-1 water conditioner gives the water bath good test part surface wetting as well as magnetic particle dispersion capabilities. It also provides strong corrosion protection. Being a liquid, WC-1 exhibits more rapid dispersion in bath make-up than powdered conditioners.

TYPICAL PROPERTIES (Not a specification)

Typical Properties	WA-2B	WC-1
Form	White Granular Powder	Liquid
Density / Specific Gravity	49 lb/cf (10g/l)	1.1
Recommended Concentration	1.33 oz/gal (9.7 g/ml)	2% By Volume
PH	9.1	9 - 10

BATH PREPARATION

Magnaglo[®] WA-2B Water Conditioner: Add WA-2B (1-1/3 oz./gal.) to warm water while stirring. Add directly over sump on wet horizontal magnetic particle units for more rapid dispersion. Stir until wetting agent is completely dissolved, then add magnetic particles. Avoid excessive amounts of wetting agent as increased foaming can occur as well as white precipitate of excess wetting agent.

Magnaglo[®] WC-1 Water Conditioner: Add WC-1 at 2 parts to 100 parts bath while stirring (2.6 fl. oz./gal.). Add magnetic particles over sump for more rapid dispersion. Avoid excessive amounts of wetting agent as heavy foaming can occur.

PACKAGING

WA-2B Water Conditioner: 5 Lb. Plastic Pail.

WC-1 Water Conditioner: 5 Gal. Pail.