

TECHNICAL DATA SHEET

DUBL-CHEK W5-C

WATER CONDITIONER FOR MAGNETIC PARTICLE WATER DISPERSION

Description: DUBL-CHEK W5-C is a water conditioner used in magnetic particle inspection. W5-C is added to water in order to disperse the particles, wet the test surface and inhibit corrosion.

Properties

Particle Colour: White
Solubility: W5-C is completely soluble in water
Temperature limit: 4°C to 50°C

Companion DUBL-CHEK Products

GW-1 Fluorescent Magnetic Oxide Particles Black Oxide No. 1 Black Magnetic Oxide

Packaging

2.2kg Product Code: 1538/5LBS
4.5kg Product Code: 1538/10LBS
11.3kg Product Code: 1538/25LBS

Storage /Shelf Life

Keep away from moisture and sunlight.
Keep the container closed when not in use.
Shelf life: 36 months (3 years) from date of manufacture.
Refer to NDT Shelf Life and Storage Recommendations for further information.

Specifications

Particles meet or exceed industry specifications including;
SAE AMS 4792

Batch Numbers

Batch numbers can be found on the bottom of aerosol cans or labels of bulk containers. Certificate of Conformance are provided with the product or can be downloaded from www.callington.com

Special Features

W5-C contains corrosion inhibitors.
Allow water to be used for magnetic particle inspection.
Water based suspension is non-flammable.

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Instructions

Note: These instructions describe the basic process, but they may need to be amended by the user to comply with applicable specifications and/or inspection criteria provided by the contracting agency.

The water must be conditioned before adding the **GW-1** or **Black Oxide No.1** in order to disperse the particles, wet the test surface and inhibit corrosion. **W5-C** is the recommended conditioner and is added at 10g/Lt.

Health & Safety

W5-C is a white powder that contains corrosion inhibitors. Avoid prolonged or repeated contact with skin. Do not breathe gas, fumes, vapour or spray. Consult the MSDS for more Safety and Health information.

Get medical attention if irritation develops and persists. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

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