**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](http://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.
**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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