

PRODUCT & TECHNICAL DATA

Blu -X-Cooling

**TYPE – ALL-IN-ONE COOLING WATER CORROSION INHIBITOR;
ANTI-SCALENT; BIOCIDES; DISPERSANT & BIO-DISPERSANT**

Blu-X-Cooling is a specialized acidic reacted polymer containing corrosion inhibitors, polymeric anti-scalents, dispersants, biocides and surface-active agents. It is specifically designed for water with a Ryznar Index in the corrosive range for reducing corrosion whilst simultaneously preventing the build-up of suspended solids and aiding dispersion of organic and metallic contaminants. This product also inhibits the proliferation of micro-organisms in process cooling systems, process pipework and vessels.

TYPICAL PROPERTIES

Appearance	:	Clear to Opaque Gel
Solubility in Water	:	Complete
pH neat soln. at 25°C	:	5.50 - 7.50

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APPLICATION

Blu-X-Cooling should be controlled at 75-100mg/l in the system water and dosed at **product concentration required/effective cycles of concentration (B/C)** to the make-up water simultaneously with the Blu X bio-dispersant.

Dosage to make up will be at 75 -100 mg/l divided by the cycles of concentration.

A soluble zinc residual of 1 to 2 mg/l should be maintained at all times.

There is a direct polymer test method available for testing the residual of **Blu-X-Cooling**.

Higher dosages of Blu X-Cooling can be utilized to descale systems on line during critical operational periods. These dosages would be in the range of 500-5000mg/l for short periods dependent upon the severity of the situation.

STORAGE AND HANDLING

Blu-X-Cooling can be stored for up to 24 months from the date of manufacture, in its original, sealed packaging, at room temperature in a dry area. Containers must be kept undercover and out of direct sunlight. This product can be safely stored in plastic type holding tanks designed to manage the specific gravity listed. **Blu-X-Cooling** must be protected from freezing. Protective clothing such as gloves and goggles should be worn when handling **Blu-X-Cooling**.

HEALTH AND SAFETY

Blu X-Cooling is of low toxicity and any residue monomers present have low toxicity. The product is quite neutral, but eye contact or prolonged skin contact may cause irritation. Should contact occur, hands should be washed with soap and water and eyes well irrigated for fifteen minutes. Ingestion will induce vomiting and should be treated symptomatically. Spillages must be contained to allow for safe disposal. Avoid direct flushing to storm water drain. Please refer to product SAFETY DATA.

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