

PRODUCT & TECHNICAL DATA

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

CT5-L50-P 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 scale forming range for inhibiting precipitation of hardness salts 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 Water White Liquid
Solubility in Water	:	Complete
pH neat soln. at 25°C	:	3.50 - 5.50
Specific Gravity at 25°C	:	1.10 -1.15

APPLICATION

CT5-L50-P 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 bio-dispersant MBD-L60-Z.

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

There is a direct polymer test method available for testing the residual of **CT5-L50-P**. Higher dosages of **CT5-L50-P** 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

CT5-L50-P 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. **CT5-L50-P** must be protected from freezing. Protective clothing such as gloves and goggles should be worn when handling **CT5-L50-P**.



HEALTH AND SAFETY

CT5-L50-P 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.

The data contained herein is believed to be accurate and reliable. However, neither the above named supplier nor any of its subsidiaries assume any legal liability whatsoever for the accuracy or completeness of information contained herein. Users should undertake sufficient verification and testing to determine the suitability for their own purposes of any product or information contained herein. Recommendations are given in good faith but without warranty and subject to the exclusion of any liability.