

7597-05



# Ty-Ion C70

## COOLING WATER TREATMENT

*Liquid Scale, Deposit, and Corrosion Inhibitor*

**Inhibits Scale Formation  
Protects System Materials from Corrosion  
Disperses Deposits for Easy Removal**

Ty-Ion C70 is an all-organic liquid scale, deposit and corrosion inhibitor for use in open recirculating cooling water systems, evaporative condensers and air washer systems. This new treatment program is particularly effective in preventing scale deposits in systems which utilize makeup water with high scaling potentials, usually without supplemental acid feed. Ty-Ion C70 provides corrosion inhibition that is superior to other non-heavy metal programs. It provides excellent protection for both the ferrous and non-ferrous metal components of the systems. The polymer is extremely effective in controlling phosphate-based scales and is also effective in dispersing iron oxide, silt, mud, and clay to facilitate removal through the bleedoff.

**DIRECTIONS FOR USE:**

**This product must be used in accordance to the following directions by HVACR professionals only.**

Ty-Ion C70 is a complete scale, corrosion and silt dispersant product. To achieve the full benefit of the product as a scale and corrosion inhibitor, it should be used at a residual of 120-140 ppm (mg/L). This level allows full corrosion protection, and does so at a level where fluctuations in treatment rate can be tolerated. For scale and deposit control only, a treatment residual of 45-50 ppm (mg/L) should be maintained in the water. Add Ty-Ion C-70 and set desired bleed-off with any commercially available controller designed to monitor water quality on open loop systems. For additional questions on how to administer the product into the system, please contact Nu-Calgon.

**DANGER**

May be corrosive to metals. Causes severe skin burns and eye damage. May damage fertility or the unborn child. May cause damage to organs through prolonged or repeated exposure.



**PREVENTION:** Keep only in original packaging. Do not breathe mist or vapor. Wash thoroughly after handling. Wear protective gloves, protective clothing, and eye protection and face protection. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood.

**RESPONSE:** Absorb spillage to prevent material damage. **IF SWALLOWED:** Rinse mouth. Do NOT induce vomiting. **IF ON SKIN (OR HAIR):** Take off immediately all contaminated clothing. Rinse skin with water. Wash contaminated clothing before reuse.

**IF INHALED:** Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER or doctor. **IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. IF exposed or concerned: Get medical attention.

**STORAGE:** Store locked up. Store in a corrosion resistant container with a resistant inner liner. **Keep out of the reach of children.**

**DISPOSAL:** Dispose of container in accordance with local, regional, national and international regulations. Contains (CAS #): Ethylene Glycol (107-21-1), Potassium Hydroxide (1310-58-3).

**WARNING:** This product can expose you to chemicals including ethylene glycol (ingested), which in the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

**FOR PROFESSIONAL USE ONLY**



*Corrosive Liquids, N.O.S.  
(Contains: Potassium Hydroxide)  
UN 1760*



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[www.nucalgon.com](http://www.nucalgon.com)  
(0421) Calgon is a licensed trade name.

Qty 1  
**B82-050**  
7597-05 Ty-Ion C70 5 gal

**CHM00430**  
7597-05 Ty-Ion C70 5 gal



1 Each

**5 U.S. Gallons (18.9 liters)**