

PRINCIPAL USES

This product is a multifunctional, liquid cooling water treatment. It combines superior scale, corrosion, and deposit control in a single product designed for cooling systems. Use this product in cooling towers, evaporative coolers, scrubbers, air washers, humidifiers, or other systems that require scale and corrosion inhibition. It works well in non-acid systems where the recirculating water cycles up as high as 400 ppm total alkalinity or 800 ppm total hardness.

CT874 provides excellent corrosion control by forming a protective barrier on metal surfaces. Even during pH excursions as low as 3, it takes 1 to 3 days to completely remove the barrier. Once the pH returns to normal, repassivation quickly occurs and the protection is reestablished within a day.

PREPARATION AND FEEDING

Inject CT874 directly into the recirculating water piping or feed it into the sump to achieve maximum results. Do not mix this product with any other products before feeding into the system. Slug feeding product does not provide adequate results, even in small cooling systems.

Use chemical feed equipment constructed of stainless steel or plastic for this product. A successful treatment program using CT874 should also include system microbiological control. This product works well and remains stable when used with oxidizing and non-oxidizing biocides.

DOSAGE

The designed feed rate for this product is 120 ppm in the process water. Please consult your *Brody Chemical* water treatment specialist before commencing feed. The actual required dosage may vary depending upon water quality, system loads and demands, and recirculating water control parameters.

PRODUCT BENEFITS

- ◆ Prolongs equipment life; reduces maintenance and replacement costs
- ◆ Maintains efficient heat transfer surfaces
- ◆ Removes scale and foulants in the system and suspends them in the bulk water
- ◆ Works exceptionally well with acid feed for systems that require pH control

PRODUCT SAFETY INFORMATION

This product can irritate the skin and eyes and should be handled accordingly. Gloves, goggles and an apron are recommended. Anyone responsible for the procurement, use, or testing of this product should familiarize themselves with the appropriate safety and handling precautions involved. Such information is outlined in the Material Safety Data Sheet. In an emergency, contact *Brody Chemical*, day or night, at (801) 963-2436.

SHIPPING

We package this product in 5-gallon pails containing 43 pounds net weight, 55-gallon drums holding 480 pounds net, or in 275-gallon totes that carry 2385 pounds net. Bulk quantities (1000-5000 gallons) are also available.

USDA

This product complies with the former USDA Category G5 requirements for treatment of cooling and retort water in federally inspected meat and poultry plants.

ADDITIONAL INFORMATION

To obtain any other technical product information or to place an order, call *Brody Chemical* at (801) 963-2436. Alternately, you may e-mail us at orders@brodychemical.com or write us at 6125 W Double Eagle Circle, Salt Lake City, UT 84118.