

7519-05
(43714)

Ty-Ion B14A

**STEAM BOILER & CONDENSATE
WATER TREATMENT**

*Complete Chromate-Free Treatment in the
Prevention of Sludge, Oxygen Pitting,
and Corrosion in Steam Boilers*

Ty-Ion B14A is a complete liquid treatment for prevention of scale corrosion in low pressure and low make-up steam boilers of greater than 95% condensate return. It incorporates scale and corrosion inhibitors, pH buffers and condensate line treatment.

Ty-Ion B14A contains its own built in dosage indicator, a bright yellow dye, a color match between the test indicator and the boiler water indicates whether the proper dosage is being maintained.

DIRECTIONS FOR USE:

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

1. Wear protective clothing when handling this product. Do not store in open or unlabeled containers.
2. Lightly contaminated systems must first be cleaned with Nu-Calgon's System Cleaner (4370-08) and then flushed thoroughly with water before treatment. For highly corroded systems, consider cleaning with Nu-Calgon's Eco-Lyme or Liquid Scale Dissolver then flush with water before treatment.
3. Treat the boiler with one gallon of B-14A per 250 gallons of water in the system. To prevent surging, it is recommended to add 1/2 the treatment initially. B14A can be introduced using a feed water tank, chemical feed pump or some other access point.
4. Follow up two weeks later with the balance of the treatment. Use W003-0 Nitrite Test Kit and test the nitrite level in the boiler water and to determine the amount of product that is present.
5. Gradually add enough B-14A to bring the nitrite in the boiler to 1000 ppm (mg/L). The color of system water in the sight glass should match the color standard of the B14A comparator available from Nu-Calgon.
6. Monitor treatment level overtime to ensure system remains protected.



DANGER

May be corrosive to metals. Toxic if swallowed. Causes severe skin burns and eye damage. May cause cancer by ingestion. Suspected of damaging fertility or the unborn child.

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

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

KEEP OUT OF REACH OF CHILDREN.

STORAGE: Store locked up. Store in a corrosion resistant container with a resistant inner liner.

DISPOSAL: Dispose of container in accordance with local, regional, national and international regulations.

Contains (CAS#): Sodium Nitrite (7632-00-0), Diethylaminoethanol (100-37-8), Sodium Hydroxide (1310-73-2), 1-Propanol, 2-amino-2-methyl- (124-68-5) Sodium Metaborate (7775-19-1).

FOR PROFESSIONAL USE ONLY



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(119) Calgon is a licensed trade name.

Qty 1
B82-048
7519-05 Ty-Ion 5 Gal

CHM00427
7519-05 Ty-Ion 5 Gal

1 Each

5 U.S. Gallons (18.9 liters)

