

Wintrol®- 38Na

"The Copper Bullet"



Super Azole Mixture (SAM)

Wincom



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Wintrol®- 38Na "The Copper Bullet"

Principal Uses

Wintrol®-38Na is a unique "Super Azole Mix" which has been developed as a corrosion inhibitor for aqueous applications. Wintrol®-38Na is ideal for use in cooling tower applications with high corrosive environments. The use of "The Copper Bullet" blend is appropriate for the following applications:

- Cooling towers
- Closed loop systems
- Metal Working Fluids
- Engine Coolants

The azoles compounds in the Wintrol®-38Na are listed on the following chemical inventory lists:

- (1) TSCA Section 8(a)/40CFR 712 Preliminary Assessment Information
- (2) TSCA Section 8(d) Health and Safety Data Rule;
- (3) Canadian Domestic Substance List;
- (4) TSCA Inventory List.

Shipping and Storage

Store in cool, dry, ventilated area away from any heat source. Keep container tightly closed and in upright position when not in use.

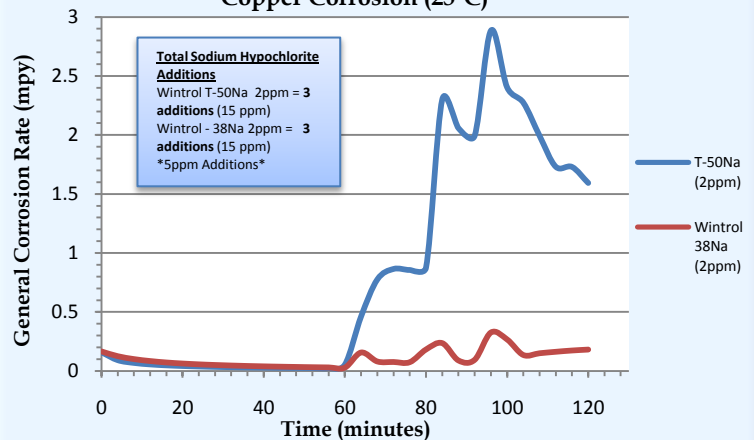
Personal Safety

Caution: Avoid exposure to eyes, skin or clothing. The product is a severe eye irritant and a slight skin irritant. Good personal hygiene and housekeeping should be followed when handling this product.

Packaging

5 gallon carboy, 55 gallon drum, 275 gallon tote

Inhibitor Resistance to Na⁺ClO⁻ with Wintrol® T-50Na and Wintrol®- 38Na at 2 ppm inhibitor for Copper Corrosion (25°C)



Testing Equipment:

Electrochemical data generated by Pepperl Fuchs Corr Tran MV.
99.9% Cu Electrodes (CME-OJ)

Testing Parameters:

Temperature: 25°C
pH: 8.0 to 9.0 (varies from sodium hypochlorite additions)
Stir Speed: 320 rpm
Time Interval: 2 hours

Testing Solution:

Deionized water with 100ppm sulfate, 100ppm chloride, 100ppm bicarbonate and 5 ppm sodium hypochlorite additions.

Note

-The above general corrosion rates are received at four minute time intervals.
-The final general corrosion rate for Wintrol®-38Na following the above two hour test has been documented to decrease (recover) for a minimum duration of two weeks following the above test.

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