

WATER TREATMENT *Solutions*



HWS-135™ **CORROSION INHIBITOR**



- No silicates
- Controls corrosion and maximizes equipment life
- Easy to test with no pre-mixing required



CARE FOR WORK ENVIRONMENTS®

HWS-135TM

CORROSION INHIBITOR

HWS-135 is a concentrated molybdate and nitrite based scale and corrosion inhibitor specifically designed to provide protection to closed hot water and chilled water systems. Build up of scale and corrosion in closed water systems reduces system efficiency and increases energy costs. HWS-135 is designed to control corrosion and protect all metals commonly used in water systems.

HWS-135 is concentrated, however, it easily dilutes in the system water. No pre-mixing is required.

DIRECTIONS FOR USE:

Hot Water Systems:

HWS-135 may be added at full strength directly into the closed system by means of a bypass feeder, pot feeder, or chemical pump. Initially add 10 gallons (38L) of HWS-135 to 1000 gallons (3785L) of system water. Each system is unique and may require slightly different product levels. Your State Chemical Account Manager will evaluate your system and determine the proper product dosage and maintenance levels. Typically maintain molybdenum content at 80 - 100 ppm and nitrite levels at 400 - 600 or as directed by your State Chemical Account Manager. Test for product Molybdenum level every three months. Add additional HWS-135 as needed to maintain the Nitrite level at 400 - 600 ppm and Molybdenum level at 80 - 100 ppm.

Chill Water Systems:

Chill water systems are defined as typically <120°F (48°C). For closed systems that are used for both heating and cooling, you should follow hot water system directions.

HWS-135 may be added at full strength directly into the closed system by means of a bypass feeder, pot feeder, or chemical pump. Initially add 4 gallons (15L) of HWS-135 to 1000 gallons (3785L) of system water. Each system is unique and may require slightly different product levels. Your State Chemical Account Manager will evaluate your system and determine the proper product dosage and maintenance levels. Typically maintain Molybdenum content at 20 - 40 ppm and Nitrite levels at 100 - 200 or as directed by your State Chemical Account Manager. Test for product Molybdenum level every three months. Add additional HWS-135 as needed to maintain the nitrite level at 100 - 200 ppm and Molybdenum level at 20 - 40 ppm.

HWS-135 is not compatible with aluminum components. For systems with aluminum components, use State Chemical Formula 1400.

Not for use in potable water systems.

Please review label and SDS for all product directions, precautions and first aid information.

TECHNICAL DATA:

Appearance: clear, colorless liquid

Odor: characteristic

Specific Gravity: 1.04

Density: 8.67 lbs/gal

pH Concentrated: 12.0 - 13.0

Feed Point: directly into closed system

OTHER STATE WATER TREATMENT PRODUCTS



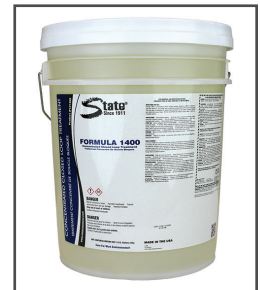
Winter ProTM
Glycol Freeze Protection
Fluid



Closed Loop HWS-140[®]
Multi-Component
Corrosion Inhibitor



Closed Loop F-625TM
Nitrate / Borate Closed
Loop Treatment



Formula 1400TM
Nitrate / Silicate Closed
Loop Treatment

PACKAGING

124697	5 GL Drum
126237	20 GL Drum
124698	55 GL Drum



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5915 Landerbrook Drive
Mayfield Heights, OH 44124
To Order Call: 1-866-747-2229
www.stateindustrial.com

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