

# WATER TREATMENT *Solutions*



## **FORMULA 1400™** CONCENTRATED CLOSED LOOP TREATMENT



- Specifically formulated for all metal common in closed heating and cooling systems including aluminum. No pre-mixing required.
- Controls corrosion, reduces scale, and maximizes equipment life.
- Easy to test; reduces energy-robbing scale.



CARE FOR WORK ENVIRONMENTS®

# FORMULA 1400™

## CONCENTRATED CLOSED LOOP TREATMENT

### CLOSED LOOP TREATMENT

Accumulation of scale and corrosion in closed water systems reduces system efficiency and increases energy costs. Formula 1400 is a concentrated silicate/nitrite-based scale and corrosion inhibitor specifically designed to provide protection to closed hot water and chilled water systems that contain aluminum components.

### COMPATIBILITY AND EFFICIENCY

Formula 1400 can be used full strength and requires no pre-mixing. It is compatible with ethylene and propylene glycol-based antifreeze.

### NSF G7 CERTIFIED

Formula 1400 is approved for use in boiler and steam lines in all nonfood contact areas.

### DIRECTIONS FOR USE:

Formula 1400 may be added at full strength directly into the closed system by means of a bypass feeder, pot feeder, or chemical pump. Initially, add six gallons of Formula 1400 to 1,000 gallons 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 nitrite levels at 700 - 900 ppm, or as directed by your State Chemical Account Manager. Test for product nitrite level every three months. Add additional Formula 1400 as needed to maintain the nitrite level at 700 - 900 ppm.

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 yellow liquid

**Odor:** mild

**Specific Gravity:** 1.19

**Density:** 9.9 lbs/gal

**pH Concentrated:** 13.2

**Feed Point:** directly into closed system

## OTHER STATE WATER TREATMENT PRODUCTS



**Winter Pro™**  
Glycol Freeze Protection  
Fluid



**Closed Loop HWS-135™**  
Concentrated Corrosion  
Inhibitor



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



**Closed Loop HWS-140®**  
Multi-Component  
Corrosion Inhibitor

### PACKAGING

115568	1 GL Bottle/CS4
121309	5 GL Drum
115570	20 GL Drum



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

**Canada**  
6935 Davand Drive  
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