



ST-5510

OVERVIEW

ST-5510 is a unique, non-hazardous, environmentally conscious blend of low foaming detergents, dispersants, alkalinity builder, chelate, and corrosion control agents. This product is designed to clean water-side surfaces in newly installed and/or retrofitted hydronic systems, in preparation for treatment passivation and ongoing reliable system protection.

ADVANTAGES

- **Non-Hazardous** per OSHA & DOT
- Best-in-class contaminant removal
- Reduces nutrient sources for microbe growth
- Environmentally conscious formulation
- Suspends contaminants in the bulk water for complete removal during final rinsing
- Protects all clean metal surfaces from corrosion and redispotion during the cleaning process

ST-5510 PHYSICAL DATA

Appearance.....	AMBER LIQUID
Odor.....	SWEET
Specific Gravity	1.014
Density(lbs./gal).	8.45
Product pH.	11

AVAILABLE PACKAGING

CONTAINER SIZE.....	NET WEIGHT
4x1-Gallon [in box].....	32 lbs.
5-Gallon Pail.....	40 lbs.
30-Gallon Drum.....	275 lbs.
50-Gallon Drum.....	520 lbs.

APPLICATION

This product has been specifically formulated to remove mill scale, dirt, oil, grease and other organic and inorganic debris from recirculating hydronic systems. Contaminants are stripped away from exposed surfaces and kept in suspension for removal at final flush. ST-5510 is particularly well suited for critical process loop applications where elemental concentrations are strictly monitored and controlled.

APPLYING ST-5510

1. Apply 1 gallon of ST-5510 per 100 gallons system capacity, until a PTSA residual of 100 ppb is achieved uniformly throughout the system's treated water.

2. Water Temp < 100°F: Circulate the cleaning solution for at least 12 hours and preferable 36-72 hours.

Water Temp 100-120°F: Circulate the cleaning solution for at least 8 hours and preferable 24-36 hours.

3. After cleaning, flush the cleaner and debris from the system with fresh water, until the system is at raw water conditions and no PTSA residual is detected within the recirculating bulk water. Once complete, treat the system with the appropriate corrosion inhibitor. If the preferred flush is not possible, drain the system, refill with fresh water and circulate. Drain the system once more and refill with fresh water, then treat with the appropriate corrosion inhibitor.

HANDLING & SAFETY PRECAUTIONS

ST-5510 is an alkaline product. Always use common sense and wear all appropriate personal protection equipment when handling. Avoid contact with eyes and skin. If splashed in eyes, flush thoroughly with water and obtain medical attention. Clean up spills immediately. Keep container closed when not in use. Consult the SDS for additional handling information.