

AccuTREAT 640

CLOSED RECIRCULATING SYSTEM CORROSION INHIBITOR

AccuTREAT 640 is a nitrite-based corrosion inhibitor designed for the use in closed recirculating hot and chilled water systems.

AccuTREAT 640 controls corrosion by the formation of a passivating barrier on metal surfaces.

AccuTREAT 640 also contains additional components that inhibit scaling, disperse corrosion by-products, and provide multi-metal corrosion protection within the system.

AccuTREAT 640 is fully compatible with recirculating systems containing glycols for freeze protection.

AccuTREAT 640 also prevents flash rust on freshly cleaned iron, steel and other ferrous alloy surfaces which are exposed air and moisture.

FEATURES AND BENEFITS

- Protects ferrous metals and copper alloys against corrosion
- Contains additives to manage hard water minerals and control scale deposition
- Maintains system pH in optimum range to reduce corrosion
- Compatible with glycols and non-oxidizing biocides
- Prevents flash rusting on exposed surfaces of cast iron, steel, and other ferrous alloys



DIRECTION FOR USE

Use procedure

For closed recirculating systems, **AccuTREAT 640** should be added to the system as a single initial dose of 1-part **AccuTREAT 640** to 100 parts water/glycol mixture. Allow circulation for at least 12 h before testing residual nitrite concentration. If nitrite concentration is less than 1000 ppm, repeat dosage in a proportion to the system volume and current nitrite concentration.

For preventing flash rust, **AccuTREAT 640** should be diluted 100:1 in the final rinsing water. This rinsing solution can be applied by high-pressure spray, low-pressure spray or circulation. Do not rinse surfaces with water after the **AccuTREAT 640** solution has been applied.

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PHYSICAL PROPERTIES

Appearance	Clear, colorless to amber liquid
Odour	Odorless
Specific gravity @ 20°C	1.130 - 1.150
Viscosity	Not available
pH	12.0 - 12.5 (10% v/v solution in water)
Flash point (TCC)	None
Water solubility	Complete
Boiling point	Approx. 100°C (212°F)
Freezing point	Approx. 0°C (32°F)
Foaming tendency	Non-foaming
Concentration monitoring techniques	Nitrite test kit

INCOMPATIBILITY

Combustible materials

WAREHOUSING PRECAUTIONS

Store away from incompatible materials
Keep from freezing

AVAILABLE SIZES

			
20L	205L	1000L	

IMPORTANT

Before using **ACCUTREAT 640** always be sure to read and follow precautions and directions for use appearing on the product's container label, and on the safety data sheet (S.D.S).

FIRST AID MEASURES

Eye contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a POISON CENTER or doctor/physician immediately.

Skin contact

Take off contaminated clothing and rinse skin with plenty of water. Get medical advice/attention. Wash any contaminated clothing before re-use.

Inhalation

If difficulties occur after mist/vapors/spray has been inhaled, remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician.

Ingestion

Do not induce vomiting unless directed by medical personnel. Rinse mouth with water and drink 1 or 2 glasses of water and call a POISON CENTER or doctor/physician immediately.

PERSONAL PROTECTION



WHMIS



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