



Product Data Sheet: AS-8320 Phosphate Free Cooling Water Treatment

USE - AS-8320 is designed to be a complete treatment for both open recirculating cooling towers and closed systems. Corrosion control is obtained through tin based technology for carbon steel, and yellow metals protected using tolytriazole. Scale control is obtained through use of a phosphonate free polymer. Recommended treatment dosages for open cooling water systems are 100 PPM of product or 2.2 PPM Sn based on blowdown. Recommended dosages for closed systems are 1500 PPM, or 33 PPM Sn.

DESCRIPTION - AS-8320 is a field use concentrated solution. The tin based corrosion inhibitor will passivate metal surfaces to provide lower equilibrium corrosion rates and promote generalized rather than localized corrosion. Additionally, AS-8320 provides minimal nutrients to aid in bacterial growth to the system.

DIRECTIONS - For recirculating water, a feed pump connected to a blowdown controller is recommended. For closed systems, an inline chemical pot feeder is recommended.

RECOMMENDATIONS - AS-8320 will be easiest to feed if kept neat until introduced into the system. The ideal feed arrangement is to drip the product into the cooling tower basin. For closed systems, an inline chemical pot feeder is recommended.

SAFETY & HANDLING - Please refer to MSDS before handling product.

For Medical Emergencies: Call (800) 424-9200 (Chemtrec), a 24-hour number.

For Non-emergency Product Information: Please call (510) 499-6152 from 8:00 AM to 4:30 PM Pacific Time.

PRODUCT DATA - **Typical Values**

Appearance	Clear liquid
Color	Water white-amber
pH (neat)	4.5-6.5
Specific Gravity	1.167

STORAGE - Product has a suggested in-plant storage limit of one year. Protect from extremes in temperature. Store between 50-104° F (10-40° C).