

# CWT-921

## SOLID COOLING WATER SCALE INHIBITOR

### DESCRIPTION:

CWT-921 incorporates a unique terpolymer that is highly effective in controlling the formation of iron deposits in stressed cooling systems. CWT-921 also contains several organic phosphates to provide corrosion inhibition. CWT-921 contains additional scale control agents to maintain clean heat transfer surfaces, increase system-operating efficiency and improve corrosion inhibitor performance.

### GENERAL APPLICATIONS:

CWT-921 can be used in tower water systems that contain up to 1200-ppm calcium with 400-ppm alkalinity or 1000-ppm calcium with 1000-ppm alkalinity utilizing the below-listed feed rates:

Water Quality	Feed Rate	Residual
500 ppm Calcium 200 ppm Alkalinity	10-25 ppm	2-5 ppm
1000 ppm Calcium 1000 ppm Alkalinity	20-40 ppm	4-8 ppm
1200 ppm Calcium 400 ppm Alkalinity	50 ppm	11 ppm

Follow the recommendations of your KML Technical Representative for best results.

### ADVANTAGES:

- Does not incorporate the use of inorganic phosphate, reducing the risk of phosphate sludging
- Highly effective iron deposit inhibitor
- Effective dispersant for silt, debris, precipitants and iron oxides
- Easily fed to systems with a solid chemical feed system

### Typical Product Characteristics

Appearance .....Tan to brown solid  
 Density at 25°C .....82 lbs/ft<sup>3</sup>  
 Weight per US gallon .....NA  
 Typical pH (1% Solution) .....6 - 7

### SAFETY & HANDLING:

Improper handling of this product can be injurious to workers. Observe all safety precautions shown on the label and in the Material Safety Data Sheet. Wear proper protective equipment listed on the MSDS

### PACKAGING:

CWT-921 is available in non-returnable, one-gallon containers. The containers are packaged four (4) to a 50-pound case. Normal product shelf life is 24 – 36 months when stored in a cool, dry area.

