

SWEETWATER

Technical Information
Bulletin

CP 12

Zinc Orthophosphate

- **Eliminates costly leaks due to corrosion**
- **Reduces or eliminates the need for pH adjustment**
- **Eliminates unsightly red water complaints**
- **Reduces overall treatment costs**
- **Lowers THM's by maintaining a lower pH environment**
- **Saves energy costs by maintaining a clean, non-corroded distribution system**

Principal Uses

Sweetwater CP 12 is a liquid zinc orthophosphate corrosion inhibitor used in the protection of potable water conduits in the transmission of public water supplies. CP 12 has been specifically formulated to provide superior inhibition of mild steel and cast iron surfaces. When used without pH adjusters such as caustic soda or lime, CP 12 can help reduce THM formation rates as THM's are produced at a retarded rate at a lower pH.

General Description

Form	Liquid
% Zn.	12.0
Density	10.26 lbs./Gallon
Color	Clear
Odor	Slight
% PO4	1.0
pH	<1.0

Typical Dosage Rates

Pacification	6 - 17 ppm
Maintenance	3 - 10 ppm

Feeding

Sweetwater CP 12 is best fed as a neat solution directly from the drum or bulk storage tank. Pumps should be selected to handle a dosage within the typical feed rates identified above. As material is acidic, care should be taken to insure that all wetted pump parts and feed lines can withstand an acidic environment.

Handling and Storage

Sweetwater CP 12 is an acidic material and should be treated as any other acid. Avoid contact with skin or eyes and wash affected area immediately if contact is made. If irritation persists call a physician. Do not take internally.

Sweetwater CP 12 can be stored in unopened containers for extended periods of time. Bulk CP 12 should be stored in lined steel, fiberglass or cross linked polypropylene tanks. As CP 12 is an acidic material, all contacted storage tanks or feed pumps should be engineered to withstand an acidic environment.

Shipping

Sweetwater CP 12 is available in either drum or bulk quantities from various locations around the United States.

This product bulletin has been provided to you for reference purposes only. For further information on Sweetwater products or services please contact your local Sweetwater representative or Sweetwater national headquarters at the following address:

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