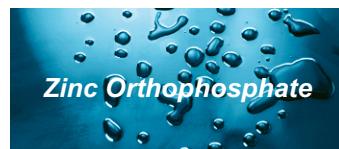


SWEETWATER



Technical Information
Bulletin

CP 333



Zinc Orthophosphate

- **Higher phosphate concentrations for reduced lead & copper corrosion rates**
- **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 333 is a liquid zinc orthophosphate corrosion inhibitor used in the protection of potable water conduits in the transmission of public water supplies. CP 333 has been specifically formulated to provide a balanced ratio of zinc to orthophosphate for a wide range of corrosion inhibition needs. When used without pH adjusters such as caustic soda or lime, CP 333 can help reduce THM formation rates as THM's are produced at a retarded rate at a lower pH.

General Description

| | |
|-------------------|-------------------|
| Form | Liquid |
| % Zn. | 3.0 |
| Density | 11.01 lbs./Gallon |
| Color | Clear |
| Odor | Slight |
| % PO ₄ | 33 |
| pH | <1.0 |

Typical Dosage Rates

| | |
|--------------|-------------|
| Pacification | 14 - 34 ppm |
| Maintenance | 8 - 22 ppm |

Feeding

Sweetwater CP 333 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 333 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 333 can be stored in unopened containers for extended periods of time. Bulk CP 333 should be stored in lined steel, Fiberglass or cross linked polypropylene tanks. As CP 333 is an acidic material, all contacted storage tanks or feed pumps should be engineered to withstand an acidic environment.

Shipping

Sweetwater CP 333 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:

Sweetwater Technologies

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