

TRAMFLOC, INC.

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Technical Information Bulletin

TRAMFLOC® 1211 ZINC ORTHO-PHOSPHATE CORROSION INHIBITOR FOR POTABLE WATER

Product Description

Tramfloc® 1211 is a highly concentrated blend of linear chain ortho-phosphates and zinc applied to help control corrosion and scaling in potable water systems, equipment and metallurgy. Tramfloc® 1211 is manufactured under strictly sanitary conditions and uses high quality food grade condensed inorganic phosphate and zinc salt feed stocks. This product is so carefully formulated that it resists reversion for well more than one year. Tramfloc® 1211 Inhibitor is completely water soluble and is UL® approved for the treatment of potable, food process, and membrane feed waters.

Uses

Tramfloc® 1211 Inhibitor effectively sequesters calcium, iron, copper lead, and manganese to help prevent mineral scale deposits and control corrosive attack in water distribution systems. The correct application of Tramfloc® 1211 Inhibitor results in the gradual elimination of carbonate deposits, red water, black stains, lead and copper excursions, and green spotting complaints.

Feeding

It is recommended that the product be fed continuously either neat or diluted with soft water to a point of turbulent flow well before chlorination. If your plant applies lime-soda softening, the Tramfloc® 1211 Inhibitor may be fed either before or after the clarifier or filter. If your treatment process includes an iron removal process, feed the product after the filter and before post-chlorination. Your Tramfloc representative can establish the proper control testing protocol for your system or plant.

Packaging

Tramfloc® 1211 Inhibitor is available in drums, IBC's and bulk.

Handling and Storage

Solutions should be made-down and diluted in stainless steel, FRP or plastic vessels. Aluminum components should be avoided. Make-down water temperatures should be between 60-95⁰ F. Tramfloc® 1211 Inhibitor containers should be stored completely closed in a cool, dry place.

Safety and Health

Spills of this chemical are slippery. Precautions should be taken to prevent them from entering lakes or streams. Chemical can be flushed with copious amounts of water and disposed of according to local regulations or treated with an absorbent material, then collected for subsequent legal disposal. Always wear protective safety equipment and prevent contact of chemical with skins, eyes, and clothing. Observing basic industrial hygiene precautions should prevent any health or safety hazards.