

TRAMFLOC, INC.

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Technical Information Bulletin

TRAMFLOC® 1200 SERIES PHOSPHATE CORROSION & SCALE INHIBITORS FOR POTABLE WATER

Product Description

Tramfloc® 1200 series products are more than 100 highly concentrated blends of linear chain complex phosphates, ortho- phosphates and zinc orthophosphate blends applied to help control corrosion and scaling in potable water systems, equipment and metallurgy. These Tramfloc® 1200 Series Inhibitors are manufactured under strictly sanitary conditions and use high quality food grade condensed inorganic phosphate and zinc salt feed stocks. These products are so carefully formulated that they resist reversion for well more than one year. Tramfloc® 1200 Series Inhibitors are completely water soluble and all Tramfloc® 1200 Series Inhibitor blends are UL® approved for the treatment of potable, food process, and membrane feed waters.

Uses

Tramfloc® Inhibitors effectively sequester 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® Inhibitors 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® 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® 1200 Series Inhibitors are 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® 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.