

TRAMFLOC, INC.

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Technical Information Bulletin TRAMFLOC® 906 PRECIPITANT

Description:

Tramfloc® 906 is a proprietary formulation for the precipitation of heavy metals from wastewaters. It is specifically designed for use with direct filtration equipment such as micro-filtration systems. This product gives longer filter runs and higher through-put rates than competitive products. This formulation will also reduce cleaning frequency of filters resulting in longer filter life. This product results in reduced sludge production compared to conventional practice and is also very effective with conventional clarification equipment. Product contains a blend of polythio carbonate, sodium hydrosulfide, an aluminum salt, an organic coagulant, and other constituents to enhance precipitation efficiency.

Principal Uses:

Tramfloc® 906 has been formulated to remove heavy metals from the effluents of plating baths, etching solutions, and rinses containing soluble metals, Tramfloc® 906 will reduce the concentration of the following metals to acceptable levels: Ag, Au, Cd, Co, Cu, Fe, Hg, Mn, Pb, Ni, Zn.

Physical Data:

APPEARANCE: Red Liquid

ODOR: Slight

SPECIFIC GRAVITY: 1.090 – 1.150

Handling and Storage:

As with any chemical, this product should be handled with reasonable care, see the Material Safety Data Sheet for complete handling information. Avoid contact with skin, eyes and clothing. Do not take internally.

Packaging:

Product is packaged in 515# drums, 2575# IBC's and in bulk.

Dosage:

Your water treatment representative will make dosage recommendations depending upon your application.

Feeding:

Prior to adding Tramfloc® 906, adjust the solution pH to above 6.0. The metal precipitation reaction is almost instant. Additional coagulants are usually not required. Excellent dosage control can be achieved with an ORP Feed Control System.

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