

WATER SPECIALISTS TECHNOLOGIES LLC

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TR-7 PRECIPITANT**DESCRIPTION:**

TR-7 is a proprietary formulation for the precipitation of heavy metals from wastewaters. This product gives longer filter runs and higher through-put rates than competitive products. This product contains various precipitant formulations that allow it precipitate all metals. This product results in reduced sludge production compared to conventional practice and is also very effective with conventional clarification equipment.

PRINCIPAL USES:

TR-7 has been formulated to remove heavy metals from the effluents of plating baths, etching solutions, and rinses containing soluble metals, TR-7 will reduce the concentration of the following metals to acceptable levels: AG, AU, CD, CO, CU, FE, HG, MN, PB, NI, ZN. TR-7 has been proven effective on heavily chelated streams, particularly nickel.

PHYSICAL DATA:

APPEARANCE: Red Liquid

ODOR: Slight

SPECIFIC GRAVITY: 1.110 – 1.150

pH: 12.4 – 13.0

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.

DOSAGE:

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

FEEDING:

Adjust the pH to above 2.0 prior to adding TR-7. 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. Contact WST for details.

TECHNICAL ASSISTANCE:

Your water treatment representative is available to assist you with any water treatment problems that may arise. A service program designed around your needs comes with your chemical purchase. If you have any questions or comments, please call Water Specialists Technologies.