# WST PRODUCT INFORMATION

**WATER SPECIALISTS TECHNOLOGIES LLC**
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## TR-156

**DESCRIPTION:**
TR-156 is a proprietary formulation for precipitation of heavy metals from wastewaters, groundwaters and other polar solvents even in the presence of chelating/complexing agents. The precipitating reaction forms insoluble organo-metallic compounds of extreme low solubility. The particles formed by the reaction are very dense with the result that minimal sludge generation occurs. To assist in the solid/liquid operation, a coagulant may be required.

**PRINCIPAL USES:**
TR-156 has been formulated to remove heavy metals from the effluents of plating baths, etching solutions, and rinses containing soluble metals. Among the metals that TR-156 will reduce to acceptable levels are: AG, AU, CD, CO, CU, FE, HG, MN, PB, NI, ZN.

**PHYSICAL DATA:**
APPEARANCE: Red Liquid
ODOR: Slight
SPECIFIC GRAVITY: 1.075-1.085

**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/FEEDING:**
To determine the proper dosage, we recommend bench-scale jar testing of untreated solutions. Ask for a copy of the WST Jar Test Procedure. Although TR-156 can be used over a wide range pH range, the optimum pH of the untreated solution is a 7 to 9 range prior to adding TR-156. The metal precipitation reaction is almost instant. Excellent dosage control can be achieved with a Reagent Control System. Ask WST for product information.

**TECHNICAL ASSISTANCE:**
Your water treatment representative is on call 24-hours a day 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 LLC.

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