

# MR-500C

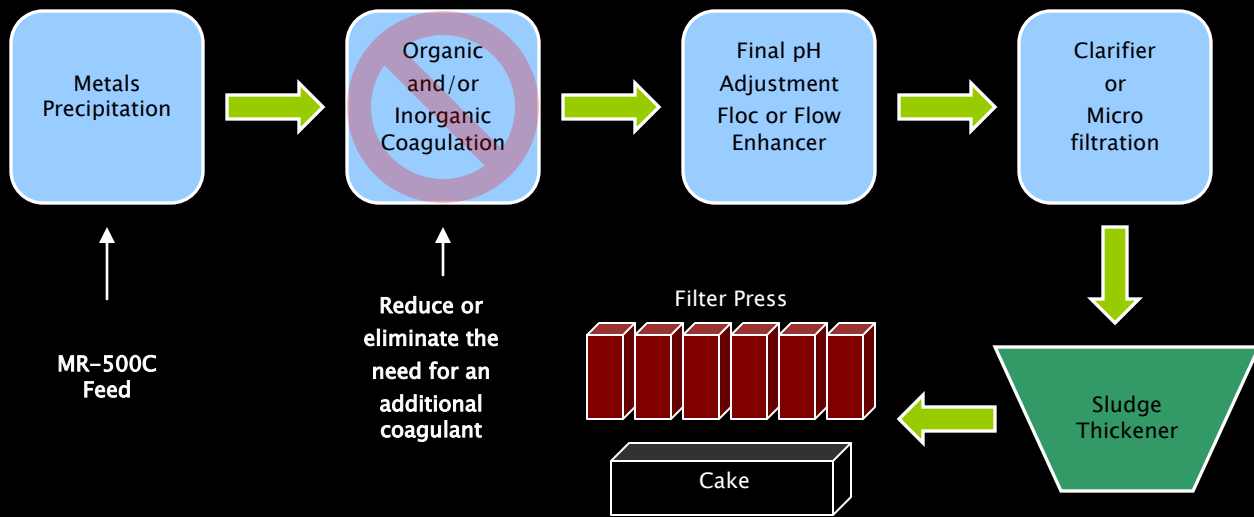
SWT's Exclusive Calcium DTC Precipitant



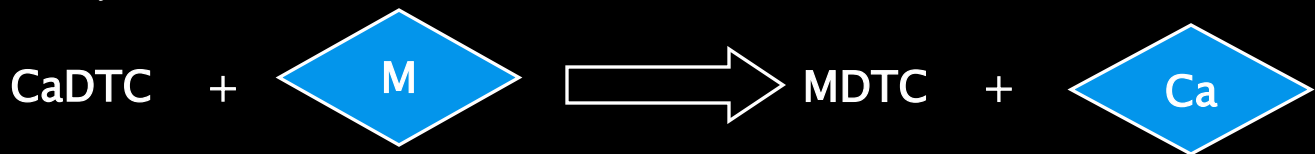
The Metal-Rec line of precipitants have been formulated to remove heavy metals from the effluents of plating baths, etching solutions, and rinses containing soluble metals. MR-500C is especially effective at treating strongly chelated nickel solutions. MR-500C is able to treat:

Cadmium (Cd)	Mercury (Hg)	Platinum (Pt)	Vanadium (V)
Cobalt (Co)	Iron (Fe)	Nickel (Ni)	Thallium (Tl)
Copper (Cu)	Lead (Pb)	Silver (Ag)	Palladium (Pd)
Chromium (Cr)	Manganese (Mn)	Zinc (Zn)	

MR-500C, when used to replace regular Sodium DTC can reduce or eliminate the need for a secondary coagulant.



The DTC ion grabs the metal and releases the Ca. The Ca then pacifies any chelating or complexing materials. Any unchelated calcium, upon pH adjust, then coagulates through the co-precipitation of calcium hydroxide .



Because the chelators are pacified by the calcium, it reduces the chance of metals returning to solution resulting in a more stable sludge.

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