

## *WT-424 Coagulant - Technical Bulletin*

### **DESCRIPTION:**

WT-424 is a proprietary iron-based blended product that includes an organic cationic coagulant and is effective as a replacement for ferrous sulfate in treating wastestreams containing a high level of organics.

### **APPLICATIONS:**

Intended for use in batch treatment and flow-through precipitation applications. Will achieve charge neutralization and promote solid/liquid separation.

### **OPERATING PARAMETERS:**

Mixing Speed:	Medium-to-high
Contact Time	2-5 minutes for general coagulation
Ventilation	Advised
PH Range:	Most effective if dosed at lower pH

### **PHYSICAL PROPERTIES:**

Specific gravity	1.36
Appearance	Dark orange-brown liquid
pH	1
Odor	Slightly pungent
Flash Point	>200F

### **SAFETY AND STORAGE:**

WT-420 is acidic and should be handled with care. Do not use iron, copper, or aluminum in storage or delivery systems. Keep product from freezing and thaw completely before use. If spilled, product is slippery and should be scooped up before flushing with water.

### **MISCELLANEOUS**

Packaging comes in 5-gallon pails and 55-gallon drums. Consult MSDS sheet for additional information.

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