

## *WT-420 Coagulant - Technical Bulletin*

### **DESCRIPTION:**

WT-420 is a proprietary iron-based inorganic coagulant especially effective as a replacement for ferrous sulfate and other inorganic salts for co-precipitation treatment of nickel bearing wastes and general charge neutralization.

### **APPLICATIONS:**

Generally intended for use in batch treatment applications. Most effective when addition is made at a low pH and then the pH of the solution is adjusted upward.

### **OPERATING PARAMETERS:**

Mixing Speed:	Medium-to-high
Contact Time	2-5 minutes for general coagulation
Ventilation	Advised
PH Range:	Process-dependent, although most effective if dosage at low pH

### **PHYSICAL PROPERTIES:**

Specific gravity	1.45
Appearance	Reddish-brown liquid
pH	3
Odor	Slightly pungent
Flash Point	>200F

### **SAFETY AND STORAGE:**

WT-420 is acidic and should be handled with care. Corrosive. Do not mix with oxidizers or alkaline materials.

### **MISCELLANEOUS**

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

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