COAGULANT WT-422

GENERAL DESCRIPTION

WT-422 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.

APPLICATION

• 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.

SAFETY AND STORAGE

• WT-422 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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Physical Properties

PHYSICAL PROPERTIES	VALUES
Specific Gravity	1.45
Appearance	Reddish-brown liquid
PH	3
Odor	Slightly pungent
Flash point	>200F

Operating Parameters

UNITS OF MEASURE	AVAILABILITY
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