



Coagulant

**WT-431**

### General Description

WT-431 is a proprietary inorganic/organic blended coagulant for general coagulation requirements. Especially well suited for dosing at low pH and where organics are present that interfere with coagulation. It has been proven especially effective for processes where enhanced sedimentation or filtration is necessary or where a reduction of turbidity, color, BOD/DOD, or similar pollutants is necessary.

### Application

- Batch treatment of metal bearing wastes when organic contaminants or surfactants are present
- Flow-through precipitation systems where WT431 can be added at a pH of less than 7 and then the solution raised to 8-8.5

### Safety and Storage

- WT-431 is acidic and should be handled with care. Avoid open flames, and acids. Do not store in direct sunlight, high temperature or below freezing.

### Miscellaneous

- Packaging comes in 5-gallon pails and 55-gallon drums. Consult MSDS sheet for additional information.
- The information given in this technical data sheet is to the best of our knowledge accurate. It is intended to be helpful but no warranty is expressed or implied regarding the accuracy of such data. It is the users responsibility to determine the suitability of his own use of the product described herein; and since conditions of the use are beyond our control, we disclaim all liability with respect to the use of any material supplied by us. Nothing contained herein shall be construed as permission or as recommendations to practice any patented invention without a license from the patent owner nor as recommendation to use any product or to practice any patented invention without a license from the patent owner nor as recommendation to use any product or to practice any process in violation of any law or any government regulations. Revised 8.28.02

### Operating Parameters

Parameters	Values
Mixing Speed	Medium-to-high
Contact Time	2-5 minutes for general coagulation
Ventilation	Advised
pH Range	Process-dependent

### Physical Properties

Properties	
Specific gravity	1.3
Appearance	Clear liquid
pH	3-5
Odor	Mild
Flash Point	>200F

### FCT Water Treatment

1309 North 17th Avenue · Greeley, CO 80631  
 Main (970) 346.8002 · Fax (970) 346.8331 · National (800) 686.6504  
[www.fctwater.com](http://www.fctwater.com)

