



Precipitant

WT-679

General Description

WT679 is a proprietary precipitant for chelated or complexed heavy metals. This is a sulfide based precipitant blended with organic and inorganic coagulants and effectively neutralizes charges in mixed contaminant waste streams, providing excellent coagulation and solid/liquid separation while achieving metals removal to below the parts-per-million range.

Application

- Batch treatment, flow-through precipitation, or micro-filtration applications. Performance for micro-filtration applications may be optimized with an additional cationic polymer.

Safety and Storage

- WT679 is alkaline and should be handled with care. Avoid open flames and concentrated acids (generates Sulfur gas). 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 ant 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 6.04.02

Operating Parameters

| Parameters | Values |
|---------------|---------------------------------------|
| Contact Time | 10 minutes |
| Ventilation | Advised |
| PH Range | 7.0 to 9.0 |
| ORP Set Point | -100 to -150 mV |
| Dosage | 3-4 parts per part of most metal ions |
| Mixing | Medium-speed |

Physical Properties

| Properties | |
|------------|--------------------|
| Appearance | Light Green liquid |
| pH | >12 |
| Odor | Slight sulfur odor |

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