

WT-007 Precipitant - Technical Bulletin

DESCRIPTION:

WT-007 is a Polysulfide based material used to precipitate heavy metals. WT-007 normally does not require an additional coagulant, if sludge recycling is utilized in a flow-through precipitation application. An additional benefit is its ability to break down through contact with air, ensuring no residual sulfide in the effluent. WT-670 does not contain any form of DTC.

APPLICATIONS:

Flow-through precipitation of a wastestreams containing moderate concentrations of metals. In combination with a cationic polymer, has demonstrated effectiveness in micro-filtration applications. Not generally suited for batch treatment. Will typically requiring a flocculent to promote solid/liquid separation.

OPERATING PARAMETERS:

Contact Time	15 minutes
Ventilation	Advised
PH Range:	7.0 to 11.0
ORP Set Point:	-100 mV approximately
Dosage:	10-12 parts per part of most metal ions
Mixing	Medium-speed

PHYSICAL PROPERTIES:

Appearance	Dark orange liquid
pH	<12
Odor	Slight sulfur odor

SAFETY AND STORAGE:

WT-007 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 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