Florida CirTech
LEADERS IN ADVANCED MATERIALS

Product Data Sheet

COAGULANT WT-300

GENERAL DESCRIPTION

WT-WT300 is a proprietary coagulant used in combination with WT-430 for batch treatment of spent aqueous and semi-aqueous resist stripper. It effectively "detackifies" resist particles in the solution which can then be coagulated with WT430. The treated solution can be sent to a filterpress without concern for "blinding" the press. The combination of WT300 and WT430 are not intended for metals removal.

APPLICATION

• 1. Add 2-3% of WT300 for fully aqueous resist. Add around 6% for semi-aqueous resist.

• 2. Add 2-3% of WT430 for fully aqueous resist. Add around 6% for semi-aqueous resist.

• 3. pH adjust with Sulfuric Acid to a pH of approximately 7.0 Dilute Sulfuric Acid (not more than 50% v/v) works better in minimizing the clumping of the photoresist.

• 4. Precipitate metals by adding approximately 0.5% v/v of a metal precipitant and mixing for 15 minutes.

• 5. Add approximately 0.1% v/v of an anionic polymer, to achieve desired flocculation.

• 6. Send to the filter press.

SAFETY AND STORAGE

• 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

Operating Parameters

PARAMETERS	VALUES
Mixing Speed	Medium
Contact Time	10 minutes after each addition and pH adjustment
Ventilation	Advised
pH Range	6.5 to 7.5 for final pH

Phsyical Properties

PROPERTIES	
Specific Gravity	1.35
Appearance	Clear to murky white liquid
pH	Neutral
Odor	None
Flash Point	>200F

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