

WT-530 Coagulant - Technical Bulletin

DESCRIPTION:

WT-530 is a very low molecular weight coagulant with a very high charge density. In diluted form, it provides superior coagulation and performance when used in conjunction with Thio-red containing heavy-metal precipitants. Not well-suited for low-metal wastestreams where an inorganic coagulant would be better performing.

APPLICATIONS:

WT-530 is ideally suited for flow-through precipitation when surfactants or cleaners are present and or micro-filtration applications when charge neutralization in a mixed contaminant wastestream is required. It is typically used to enhance particle formation and to increase system flows in micro-filtration applications.

OPERATING PARAMETERS:

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|------------------------|------------------|
| Working Concentration | 0.25 to 0.50 % |
| Stock Solution Make-up | Approximately 1% |
| PH Range: | 6.0 to 11.0 |
| Mixing | Medium-speed |

PHYSICAL PROPERTIES:

| | |
|---------------------|-------------------------------|
| Appearance | Clear, near-colorless liquid |
| PH as supplied | 6 |
| Odor | Odorless or slight amine odor |
| Specific Gravity | 1.14 – 1.18 |
| Solubility in water | Soluble |

SAFETY AND STORAGE:

May cause some eye or skin irritation with prolonged direct exposure, Considered generally non-toxic.

MISCELLANEOUS

Packaging comes in 5-gallon pails and 55-gallon drums. Consult MSDS sheet for additional information.

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