

WT-520 Coagulant - Technical Bulletin

DESCRIPTION:

WT-520 is a medium molecular weight coagulant with a 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-520 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:

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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