

WT-231 Polymer - Technical Bulletin

DESCRIPTION:

WT-231 is an anionic polyacrylamide copolymer in water-oil emulsion. WT-231 is a concentrated milky white liquid. With a low viscosity, high molecular weight, and medium charge density.

APPLICATIONS:

WT-231 acts as a sludge thickening agent and improves sludge compaction, settling rates, and effluent water quality.

OPERATING PARAMETERS:

Working Concentration	0.05 to 0.1 %
Stock Solution Make-up	Approximately 1%
PH Range:	6.0 to 11.0
Mixing*	Medium-speed

* Prior to initial usage, WT-231 should be thoroughly agitated in the drum or pail for 20-30 minutes with a drum stirrer or other device to ensure uniformity. It should be added to a day-tank at least ½ full of water, and with a mixer to agitate the solution. After adding 1% v/v of the concentrate, fill the remainder of the container with water and allow the made-up solution to mix for 20-30 minutes before use. If mechanical mixers are used, do not use high speeds (greater than 500 rpm) or any method having high shearing action.

PHYSICAL PROPERTIES:

Appearance	White viscous opaque liquid
Odor	Slight hydrocarbon odor
Specific Gravity	1.05 @ 77 F
Solubility in water	Water soluble with vigorous agitation

MISCELLANEOUS

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

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