

POLYMER WT-231

GENERAL 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.

APPLICATION

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

MISCELLANEOUS

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

PROPERTIES	VALUES
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 1/2 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

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