

WATER SPECIALISTS TECHNOLOGIES LLC

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C-5 COAGULANT

C-5 is a coagulant formulated with an inorganic polymer and organic cationic polymer. C-5 effectively replaces alum, ferric chloride, ferrous sulfate and other inorganic salts, as well as organic polymers. The floc formed by C-5 is characterized as being small, dense particles and very sheer resistant. Using C-5 results in a reduction of overall treatment costs by:

- lowering or eliminating the need for alkali and flocculant aids.
- reducing residual generation, handling and disposal costs.
- extending filter runs and water production.
- Reducing chemical handling and storage requirements.

PRINCIPAL USES

C-5 is used as a coagulant for water clarification, wastewater treatment and related applications in water and wastewater treatment programs.

PHYSICAL DATA

Appearance:	Clear, slightly yellow liquid
Specific Gravity:	1.30
pH:	4.0-4.4
Odor:	Slight
Viscosity:	2-5 CP @ 25°C

PACKAGING: Plastic 55 gallon drums - 600 lbs. net and plastic 275 gallon totes-3,000lbs net.

HANDLING AND STORAGE:

Refer to the Material Safety Data Sheet for safe storage and handling information.

DOSAGE:

The dosing of C-5 is site specific. It can be utilized neat or in a convenient dilution ratio. Laboratory jar tests will help determine the optimum dosage for the intended application.

FEEDING:

Feed C-5 into an area where complete mixing occurs.

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