

WATER SPECIALISTS TECHNOLOGIES LLC

1515 Kastner Place

*Phone: 407-321-7910

*Email: info@waterspecialists.biz

Sanford, Florida 32771 USA

*Fax: 407-321-3098

*Website: www.waterspecialists.biz

C-3 COAGULANT

C-3 is an inorganic polymer formulated for use as a coagulant. C-3 has been very successful in the replacement of alum, ferric chloride, ferrous sulfate and other inorganic salts, as well as organic polymers. The floc formed by C-3 is characterized as being small, dense particles and very sheer resistant. Using C-3 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-3 is used as a coagulant for water clarification, wastewater treatment and related applications in water and wastewater treatment programs.

PHYSICAL DATA

Appearance:	Clear, colorless liquid
Specific Gravity:	1.34
pH:	3.7
Odor:	None
Freezing Point:	22°F

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

HANDLING AND STORAGE:

As with all chemicals, this product should be handled with reasonable care. See the Material Safety Data Sheet for safe storage and handling information.

DOSAGE:

The dosing of C-3 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-3 into an area where complete mixing occurs.

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