

ZI-CHEM 71C0 Clarification Coagulant

HIGHLIGHTS

ZI-CHEM 71C0 coagulant is a highly charged inorganic coagulant based on ferric sulfate in solution.

ZI-CHEM 71C0 is a very effective primary coagulant for water and wastewater clarification. It can be used to produce low turbidity in influent water and effluent wastewater clarification applications.

ZI-CHEM 71C0 coagulant is also effective in oily wastewater demulsification, greasy tower treatment, save-all clarification, and use as a retention or drainage aid.

TYPICAL PROPERTIES

- Appearance: Dark Reddish brown liquid
- Specific gravity: 1.38 – 1.57
- pH (neat) < 2.0
- Ionic charge: Cationic
- Boiling point: 104 °C

PRIMARY APPLICATIONS

Obtaining the best application results may require diluting this product prior to use. A 10:1 dilution is recommended. These can be prepared by injecting into an inline stream of dilution water. Alternatively it can be diluted in a dosing tank prior to injecting with a metering pump.

FEEDING & CONTROL

Typical addition levels for raw water clarification are 1 - 10 ppm, while levels for industrial wastewater treatment range from 5 - 1000 ppm. Specific recommendations will be provided by your ZI-TECHASIA technical representative after studying your system.

THE BENEFITS

- Low cost
- Easy to use
- Eliminate alkaline dosing
- Increase flow rate due to heavier, stronger flocs

COMMON APPLICATIONS

- Primary Clarifier
- Sludge Dewatering
- Secondary Clarifier
- Greasy tower

PACKAGING

- 25L pails
- 205L drums
- 1,050L IBC's

HANDLING & SAFETY

ZI-TECHASIA maintains a database of material safety data sheets (MSDS) on all our products. These contain health & safety information to assist in the safe and appropriate chemical handling, ensuring the protection of personnel.



ISO 9001:2008 Certificate No.SG12/04040 ISO 14001:2004 Certificate No.SG12/04041