

ZI-CHEM 7150 Clarification Coagulant

HIGHLIGHTS

ZI-CHEM 7150 coagulant is a highly charged organic cationic polymer coagulant.

ZI-CHEM 7150 is a very effective primary coagulant for water and wastewater clarification. It can be used to increase the weight of microfloc when used in conjunction with inorganic coagulants. This is particularly useful in low turbidity in influent water and effluent wastewater clarification applications.

ZI-CHEM 7150 coagulant is also effective in breaking the emulsion in, wastewater and greasy tower treatment, save-all clarification, and use as a retention or drainage aid.

TYPICAL PROPERTIES

- Appearance: Clear to light yellow liquid
- Specific gravity: 1.0 – 1.1
- pH (neat) 4.0 – 7.0
- Ionic charge: Cationic
- Flash point: < 100 °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
- Less sludge volume
- 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