

TECHNICAL BULLETIN



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ENV045

Cationic Flocculant

Product Description

ENV045 is a Very High charge density, High molecular weight, Cationic Flocculant liquid emulsion with an opaque appearance.

Product Benefits.

- 💧 Rapidly Flocculates
- 💧 Produces strong flocks
- 💧 Formed sludge is easy to de-water.
- 💧 Liquid product is easy to dose
- 💧 Dissolves quickly.
- 💧 Easy and Low-cost automation possible.
- 💧 Suitable for use in DAF units.

Application

- 💧 **ENV045** should be evaluated in all applications where liquid – solid separation and sludge dewatering is required.

Features

- 💧 Ready to use liquid
- 💧 Easy to use
- 💧 Compatible with Metal salts Coagulants.
- 💧 Effective over a wide pH range

Dosage requirements

- 💧 Dosage rates will vary depending on solids loading. Dose 1-5ppm of **ENV045** based on Jar-stirrer tests.

Monitoring

- 💧 Monitor TOC and Turbidity.

Handling and Storage.

- 💧 Do not Freeze,
- 💧 Store between 0 and 35°C
- 💧 Shelf Life is six months.
- 💧 Agitate if needed before use.

Quality

- 💧 **ENVIRONEX International** is licensed as a Quality Endorsed Manufacturing Company under ISO9001.
- 💧 Active content (%) 45
- 💧 Bulk viscosity (cps) 1200
- 💧 Maximum concentration (g/l) 10
- 💧 Stability of D.I. solution (days) 1
- 💧 Dilution to obtain 5 g/l active content 90
- 💧 Approx. viscosity @ 5 g/l active content (cps) 1000