

PT-225-107-RD

CATIONIC COAGULANT

PRODUCT INFORMATION:

PT-225-107-RD is a low molecular weight, very high charge density cationic polyamine. It is supplied as a clear to opaque liquid, low viscosity aqueous solution. PT-225-107-RD is a cationic polymer that performs well in the pH range 2.5 to 10.0.

APPLICATION:

PT-225-107-RD is a cationic coagulant that is very effective in many solid-liquid and liquid-liquid separation processes. The product is especially useful as a coagulant in clarification of waste streams in industrial treatment plants. PT-225-107-RD is also effective as an emulsion breaker for latex, petroleum and other problem process streams. However, the most cost effective product should be selected based on a performance evaluation using the particular stream intended for treatment.

PT-225-107-RD may be metered directly into the process stream being treated or diluted in-line to as low as 0.5%. PT-225-107-RD may be blended with aluminum, ferric and/or ferrous salts to improve the cost-performance of the polymer in many applications.

Typical Properties

App:Clear semi-viscous liquid
Density @ 80° F.....10.0 lbs/gallon
Viscosity @ 80° F.....10 - 50 cps
Activity.....50 - 52%
Freeze Point.....40° F

STORAGE AND HANDLING:

PT-225-107-RD should be stored at 50-80° F. Short-term exposure to higher or lower temperatures will not normally harm the product. If frozen, PT-225-107-RD should be warmed to 50-80° F. and agitated prior to use. The shelf life of PT-225-107-RD is at least six months.

