

CWT-506

BIODISPERSANT

PRODUCT INFORMATION:

CWT-506 is a low molecular weight, very high charge density cationic polyamine. It is supplied as a clear to opaque liquid, low viscosity aqueous solution. CWT-506 is a cationic polymer that generally performs in the pH range 2.5 to 10.0.

APPLICATION:

CWT-506 is a polymer that is very effective in controlling organic deposits in cooling water systems. It is especially effective in preventing slime masses resulting from bacterial or algae growth which results in improved heat transfer efficiency as well as more effective scale and corrosion control afforded by clean, deposit-free surfaces.

DOSAGE:

CWT-506 may be applied neat or diluted with water to a maximum of 90% water: 10% CWT-506. CWT-506 is normally slug fed by hand or by pump. The dosage should be based on the water holding capacity of the system. Slug doses should be applied instantly or over a period of up to 1 hour, if pumped.

For normal maintenance of a clean system CWT-506 should be fed at a dosage of 10 - 50 ppm one to three times per week.

For systems with moderate fouling due to continuing contamination CWT-506 should be fed at a dosage 50 - 100 ppm two to four times per week.

To clean heavily fouled systems CWT-506 should be added daily at a dosage of 100 - 200 ppm until the system is clean. In all cases a microbiocide should be used according to the supplier's instructions.

Typical Properties

Appearance.....Colorless / mild odor
Density @ 80° F.....9.9 lbs/gal.
Viscosity @ 80° F.....40 - 100 cps
Freeze Point.....40° F

STORAGE AND HANDLING:

CWT-506 should be stored at 50 - 90 Deg. F. Short term exposures to higher or lower temperatures will not normally harm the product. If frozen CWT-506 should be warmed to 80 - 100 Deg. F., and mixed well prior to use. The shelf life of CWT-506 is at least 6 months.