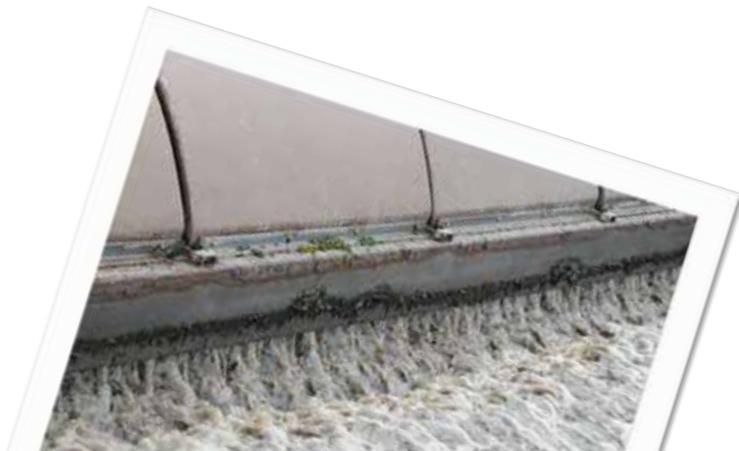


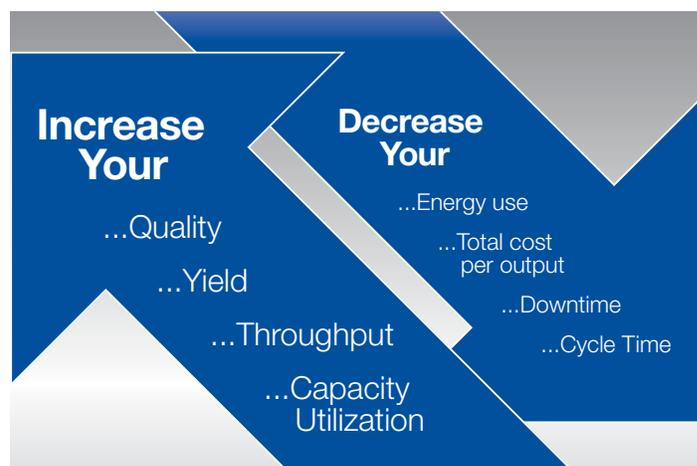
Enprox® Wastewater Treatment Products



Products	Form	Use	Parameters	Comments
CATIONIC COAGULANTS				
Enprox 8407	Liquid Inorganic Mixed chloride solution	Primary coagulant; membrane compatible	Dosage range must be determined; proportional to charge differential and solids concentration	Effective in reducing sludge volumes as compared to traditional inorganic chemistries; membrane compatible; Al/Ca/Mg in composition
Enprox 8412	Liquid All inorganic Mixture of Al & Ca species	Primary coagulant or oily wastewater coagulant; membrane compatible	Dosage: 50–300 ppm for primary coagulant; dosage: 50–10,000 ppm for oily wastewater	Effective in reducing solids; completely inorganic in composition making it ideal for membrane filtration
Enprox 8416	Liquid Alum/inorganic metal precipitant solution	Primary coagulant or metal precipitant/polishing solution	Dosage: 100–300 ppm for primary coagulant; dosage: 10–100 ppm for polishing	Does not form metal sulfides; membrane compatible; very high affinity for oil and grease
Enprox 8423	Liquid Iron-based/polymer High molecular weight	Primary coagulant or metal precipitant/polishing solution; can be applied for paint detackification	Dosages will vary depending upon charge neutralization demand; effective on zinc and nickel containing wastewaters	Forms “microfloc” at pH 2–8; promotes rapid settling and dense floc formation
Enprox 8445	Liquid Alum-polymer blend	Neutralization and coagulation of suspended ions, oil splitting, and absorption of particulate	Dosage range will vary based upon the nature of the wastewater solids; medium molecular weight	Forms “microfloc” at pH 2–8; solids treated display enhanced coagulation, floc structure, size, and density
Enprox 8533	Liquid Unique, reacted product	Neutralization of ionic charge differentials, complex chelating agents and absorption of oil and grease	Dosage: 50–1,000+ ppm	Feed as a concentrate; unique, versatile formula for metal/solids removal; contains Al/Ca/Cationic polymer
ANIONIC POLYMERS (FLOCCULANTS)				
Enprox 8110	Liquid Emulsified Concentrate	Flocculates metal hydroxides; a concentrate for maximum efficiency	Dosage: A 0.1% solution as 400 milliliters per 100 gallons of make-up water; 32% charge density; add at 2–10 ppm	Will react quickly to flocculate metal hydroxides providing immediate settling in clarifiers and holding basins
Enprox 8440	Liquid Polyelectrolyte Hydrated form	Flocculates metal hydroxides and neutralized waste solids solutions	Dosage will range from 20–200 ppm; 40% charge density; can be diluted at any percentage	Liquid anionic polyelectrolyte that will react between pH 7–12 to rapidly form dense floc in clarifiers and holding basins

Products	Form	Use	Parameters	Comments
NEUTRALIZERS				
Sufuric Acid	Liquid >90% Sulfuric Acid Inorganic	Neutralization of alkaline solutions	Titrate alkaline solution to determine amount required for neutralization	Acid for neutralizing alkaline solution and pH adjustment of recirculated cooling water
Enprox 714	Liquid Caustic soda 30–50% Inorganic	Neutralization of acidic solutions	Titrate acidic solution to determine amount required for neutralization	Alkali for neutralizing acidic solution and pH adjustment of recirculated cooling water
EMULSION BREAKERS				
Enprox 1069	Liquid Cationic polymer	Splits emulsion and floats oil	pH 4–6	High molecular weight; operates over a wide pH range 2–13
Enprox 8454	Liquid Cationic polymer	Splits emulsion and floats oil	pH 5–7 2–30 ppm	Medium molecular weight; low operating dosage
Enprox 8774	Liquid Cationic polymertant	Splits emulsion and floats oil	pH 5.5–7.5	High molecular weight; operates over a wide pH range 2–13

Cut it. Clean it. Coat it. Control it. Conserve it.® with us!



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