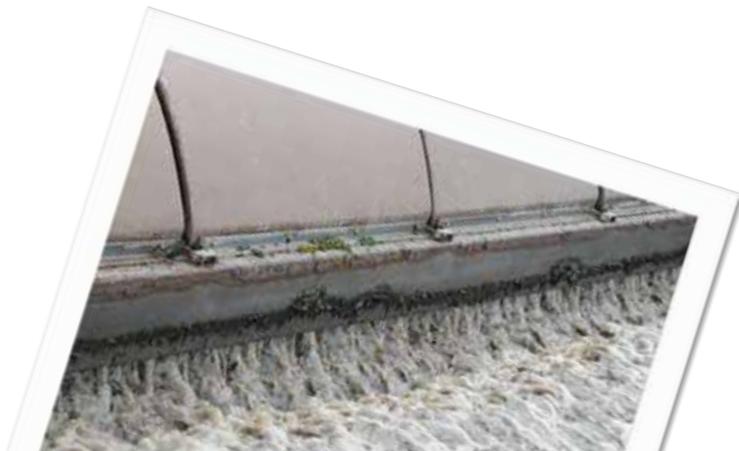


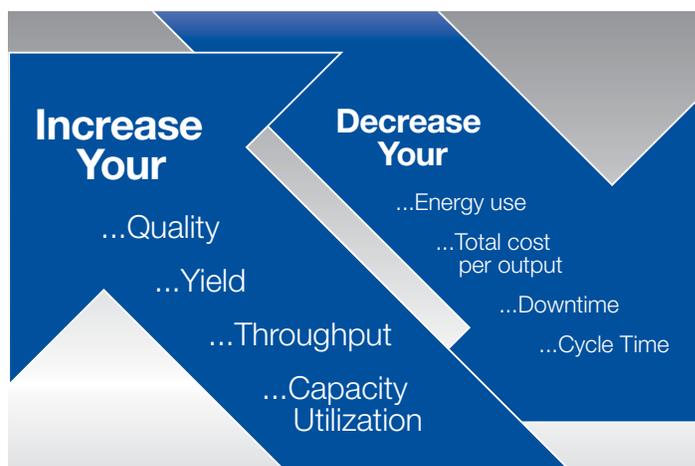
# Enprox® Wastewater Treatment Products



Products	Form	Use	Parameters	Comments
<b>CATIONIC COAGULANTS</b>				
<b>Enprox 8407</b>	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
<b>Enprox 8412</b>	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
<b>Enprox 8416</b>	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
<b>Enprox 8423</b>	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
<b>Enprox 8445</b>	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
<b>Enprox 8533</b>	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
<b>ANIONIC POLYMERS (FLOCCULANTS)</b>				
<b>Enprox 8110</b>	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
<b>Enprox 8440</b>	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
<b>NEUTRALIZERS</b>				
<b>Sufuric Acid</b>	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
<b>Enprox 714</b>	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
<b>EMULSION BREAKERS</b>				
<b>Enprox 1069</b>	Liquid Cationic polymer	Splits emulsion and floats oil	pH 4–6	High molecular weight; operates over a wide pH range 2–13
<b>Enprox 8454</b>	Liquid Cationic polymer	Splits emulsion and floats oil	pH 5–7 2–30 ppm	Medium molecular weight; low operating dosage
<b>Enprox 8774</b>	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!**



**Chemetall is proud to serve North America from the following locations**

**North American Headquarters**

675 Central Avenue  
New Providence, NJ  
07974  
Tel: 908-464-6900  
Toll-free: 800-526-4473  
Fax: 908-464-7914

**Chemetall Canada**

1 Kenview Blvd.  
Suite 110  
Brampton, Ontario  
L6T 5E6  
Tel: 905-791-1628  
Toll-free: 877-311-1471

**Chemetall Mexicana, S.A. de C.V.**

Avenida El Tepeyac No. 1420-B  
Parque Industrial O'Donnell-Aeropuerto  
El Marqués, Querétaro  
C.P. 76250, México  
Querétaro Tel: +52 (442) 227 2000  
Monterrey Tel: +52 (81) 8371 2517

**Chemetall U.S.**

1100 Technology Drive  
Jackson, MI 49201  
Tel: 517-787-4846  
Toll-free: 877-941-3800  
Fax: 517-787-5538

**Chemetall U.S.**

46716 Lakeview Blvd.  
Fremont, CA 94538  
Tel: 408-387-5340  
Fax: 408-809-2883

[www.ChemetallINA.com](http://www.ChemetallINA.com)

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