

WASTEWATER TREATMENT SOLUTIONS

Chemical Products for your
Wastewater Treatment Plant



POWER
CHEMICAL SERVICES

Precision & Perfection of Your Wastewater Treatment

Liquid waste produced from any industrial operations must be treated before discharge to the environment. To ensure the quality of the treated wastewater sent to the environment is safe & harmless, a combination of chemical, mechanical, and operational aspect of treatment is necessary.

We at **POWER CHEMICALS** provide you with a complete solution of various type of wastewater to meet your specific needs. From product, services, to mechanical equipment requirements, we provide a rounded & robust solutions for our customer



Our **Wastewater Treatment Solutions** are a perfect fit for :

- Primary Treatment: physical & chemical treatment
- Secondary Treatment : biological treatment
- Tertiary Treatment : Disinfection & Heavy Metal Removal
- Sludge Dewatering for Moisture Removal

Our Chemical Products

POWERCLEAR™ : Inorganic/Organic Coagulant for Wastewater Clarification

Total suspended solids (TSS) & turbidity is a dominant wastewater characteristic that has to be solved first due its effect on a wastewater visual aspect. Our **POWERCLEAR™** specially formulated **inorganic & organic** coagulants, are tailor made to suit your wastewater clarification for inorganic or organic total TSS removal, via various charge neutralization methods.

POWERFLOC™ : Polymer Flocculant for Clarification & Sludge Dewatering

Our **POWERFLOC™** polymer flocculant comes in powder & liquid emulsion forms. Via various charge & molecular weight ranges our polymer is proven to suit your need for faster settling rate, clearer turbidity for clarification process or maximum moisture content removal from your sludge dewatering process.

POWERBOOST™ : Bacterial Nutrient for Activated Sludge System

Our **POWERBOOST™** bacterial nutrient are tailor made for your biological treatment needs, one of our specialty bacterial nutrient is specifically processed from a glucose based substrate and fermented in our proprietary technology in order to boost bacterial growth for biomass concentration in your activated sludge system

POWER FOAM-X™ : Antifoam & Defoamer for Highly Foaming Wastewater

Foam from biological treatment or surfactant carrying wastewater can cause several problems in your wastewater treatment. Our various chemistry of **POWER FOAM-X™** defoamer & antifoams are capable of fast foam removal and preventing any foam formation for a long duration on your wastewater

POWERBASE™ & POWERACID™ : pH Adjuster for Wastewater Neutralization

pH adjustment in wastewater is critical for ensuring your treatment, because certain chemicals only perform at some pH level. Our **POWERBASE™ & POWERACID™** pH adjuster are an excellent choice for your wastewater pH adjustment



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