

the answer is clear.®

ZERODAY®

Z Clear™ Coagulant Products

Zeroday offers a wide range of coagulants to effectively meet a wide variety of application needs. Treatment programs utilizing coagulant products often are found to be required for proper treatment or enhance the effectiveness of the present program. These products are used as a treatment option for resolving process issues and difficulties, optimizing process performance and minimizing solid-liquid treatment costs.

Our extensive high quality Z Clear™ coagulant product line incorporates both organic and inorganic coagulant chemistries that include:

- polyDADMAC (diallyldimethylammonium chloride)
- Polyamines (epi-dma condensate).
- PAC (polyaluminum chloride).
- ACH (aluminum chlorohydrate).
- Alum.
- Ferric salts.
- Calcium salts.
- Coagulant blends.



Coagulants are often quite effective in both mineral and organic solids systems for solid-liquid separations, achievement of high water clarity levels, to enhance water clarification in basins and ponds, and for minimizing flocculant costs.

The primary function of coagulants is to neutralize particle surface charges that allow particle aggregation (coagulation) as multiparticle clusters which enhances particle settling. In some cases with organic coagulants, weak "bridging" between particles can occur that helps bind the aggregates together. With organic sludges, neutralizing the cationic demand can significantly reduce flocculant consumption and therefore decrease overall treatment program costs.

Zeroday will evaluate whether and which types of coagulant chemistries will be effective in your application. Based on our extensive experience and knowledge, the appropriate coagulant chemistry families will be selected for evaluation considering the overall situation including aquatic toxicities then lab testing and plant qualification studies will be conducted to define the optimum overall program with a flocculant if used.

Zeroday is quite mindful that customers require a simple and easy ordering process and that a supplier can deliver products when required. Our standard is 100% supply assurance. We are proud of our great customer service record. We plan for success by anticipating your supply needs and develop plans to ensure your supply. Zeroday's liquid and emulsion polymers are supplied in pails, drums, totes and bulk. Dry flocculants are supplied in plastic pails, 50 lb. sacks and supersacks.

Please contact your local Zeroday sales representative or our office for further information on improving your process performance and treatment results.

