



WYO-FLOC™

WYO-FLOC™ is a synthetic flocculant supplied in micro bead form. It is soluble in water, producing a relatively low-viscosity solution. WYO-FLOC™ exhibits low charge densities and high molecular weight.

WYO-FLOC™ is applicable for the dewatering of bentonite slurries either alone or in conjunction with organic or inorganic coagulants. Muriatic acid or aluna (aluminum sulfate) can be added to the slurry to achieve the desired pH of 6.5 to 7.0.

PRODUCT CHARACTERISTICS

- Appearance White, free flowing micro bead
- Specific Gravity 0.8-1.0
- Solubility Soluble, solubility limited by viscosity
- PH (as supplied) N/A

APPLICATION RATES

Mix a stock solution of 2 pounds of WYO-FLOC™ with 50 gallons of fresh water. Circulating the slurry, trickle in stock solution at a rate of approximately one gallon for every 100 to 200 gallons of slurry. Addition should be made at turbulent flow. The application rate is dependent upon the solids content of the slurry, so dilution may be required to adjust the solids to less than 5% by weight.

STORAGE

WYO-FLOC™ should be stored in a cool, dry place, typically in the temperature range 5° to 35°C. WYO-FLOC™ containers should be carefully closed to prevent moisture uptake. Solution storage is best in plastic, fiberglass or stainless steel tanks. Aluminum and galvanized equipment should not be used.

HEALTH AND SAFETY

The product described in this leaflet exhibits a low order of toxicity, and therefore requires no special handling precautions. Detailed information on handling and any precautions to be observed in the use of the products described can be found in our Material Safety Data Sheet, available upon request. Polymer spills present a slip hazard and should be dealt with immediately. Dry polymer spills should be left dry and swept up immediately. Spills of dispersion or solution polymers should be treated with a suitable absorbent material, then swept up and discarded.

PRODUCT SELECTION AND TECHNICAL SERVICE

Representatives of WYO-BEN, INC. can provide advice on the laboratory testing and field application of WYO-FLOC™ products. A complete research and development department as well as a customer service laboratory designed to assist in special applications support them. Phone 1-800-548-7055 for assistance.

WYO-FLOC™ polymer is supplied in a 12 pound resealable jug.