

SlurrySep Floc™

Concrete Wastewater Solutions

SlurrySep Floc is a proprietary blend of bentonite clay, polymers and pH reducing acids, designed for treatment of concrete slurry. As the bentonite clay hydrates, a strong negative charge is produced, causing a flocculation by suspended particles sticking to the clay surface.

Results are dramatic as solids quickly settle.

Features and Benefits

- Replaces high collection, handling, hauling and disposal costs
- Protects from environmental fines
- Rapid separation of suspended concrete fines in water allowing recycling of water or compliant disposal

How It Works

- ▶ Chemical components of the SlurrySep adjust the pH of the water, which enhances the precipitation of metals and breaks oil emulsions.
- ▶ Bentonite clay particles attract and encapsulate precipitated metallic ions.
- ▶ The polymeric portion of the formulation attracts remaining oils and suspended solids and forms a floc, which settles to the bottom of the treatment vessel.
- ▶ The bentonite clay and polymer work together to create a strong filterable floc, which will encapsulate and contain heavy metals while allowing the floc to readily release water resulting in a condensed thickened sludge-like material.
- ▶ The entire process is completed in just a few minutes, resulting in clear water that can be discharged directly to a POTW or recycled.
- ▶ The remaining sludge and its encapsulated contaminants are highly resistant to leaching and is prepared to be solidified for compliant land disposal.

| TECHNICAL SPECIFICATIONS | | | |
|-------------------------------------|---------------------------------|------------------------|------------|
| CHARACTERISTICS | | PARTICLE | |
| | | US Standard Sieve Size | % Retained |
| Color | Light Gray | 30 mesh | 1.1 |
| Moisture Content | 6-9 % | 50 mesh | 45.9 |
| Bulk Density (lbs/ft ³) | 70±2 | 70 mesh | 22.3 |
| pH (5% dispersion): | 5-6 | 100 mesh | 13.7 |
| Package sizes available: | 50lb. bags & 2,000lb. bulk bags | 200 mesh | 13.3 |
| | | -200 mesh | 3.7 |

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Important Notice

All wastewater may not be compliant for land fill disposal even after treatment methods due to hazardous levels of non-allowed contaminants.

Wastewater from plating shops and industrial chemical manufacturing facilities will require wastewater analysis to determine the proper disposal method if applicable.

Manufacturers' laboratories can provide an analysis of sample wastewater taken from a project to determine levels of contaminants and design suggestion for compliant disposal if applicable.



WARNING: Cancer and Reproductive Harm –
www.P65Warnings.ca.gov



You may add SlurryDry™ to the remaining thickened sludge material to dehydrate the remaining moisture and creating a safe material for standard disposal that meets the requirements for the EPA 9095B Paint Filter Test for adequate moisture levels.

The main ingredient of SlurryDry™ is EPA compliant as an acceptable non-biodegradable sorbent.

SlurryDry™ adds further encapsulation of contaminants and is highly resistant to leaching providing a cost-effective method of safe disposal.

CETCO® Master Distributor – Concrete Products:



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