

## SLUDGE SET™ *Super Absorbent Drying Agent*

Sludge Set™ is used to rapidly dry cement fines based sludge produced at ready mix and precast concrete manufacturing operations to enable easy waste disposal.

Sludge Set™ is a non-hazardous material that is easy to use and extremely cost effective compared to other absorbents, filter presses and rotary vacuum systems that utilize filter media.

Sludge Set™ is a granular super absorbent drying agent that rapidly absorbs and retains large volumes of matter. It is capable absorbing up to 250X its own weight in water. Unlike other drying agents Sludge Set™ adds less than 1% free swell, which lowers transportation costs.

Sludge Set™ ensures compliance with federal, state and local disposal standards while offering a more cost effective and safer approach than lime, fly ash, diatomaceous earth and other traditional absorbents. Sludge treated with SludgeSet™ is suitable for Class 1 Industrial Landfills and approved incineration facilities.

### **Sludge Set™ Beneficial Properties:**

- Non-Biodegradable
- Non-Exothermic
- Non-Hazardous contains no heavy metals, solvents, phosphates or any toxic materials
- Non-Flammable
- Not regulated by DOT

Allows treated solids to pass the Paint Filter Liquids Test (EPS 9096) and liquid release test (EPA 9095)



### **Sludge Set™ Waste disposal Properties including Incineration:**

Sludge Set™ is a super absorbent drying agent consisting of carbon, hydrogen and oxygen. These elements are commonly found in municipal solid waste. Thermal degradation of Sludge Set™ starts to take place from near 400° F (204° C) and accelerates as the temperature rises. This completion of thermal degradation process is dependent upon the amount of Sludge Set™ and the rate of temperature rise. The complete combustion of Sludge Set™ associated with any combustible material in a properly functioning incinerator will produce only carbon dioxide and water.

### **APPLICATION RATES:**

Apply 15 to 25 lb of Sludge Set™ per 1,000# of sludge depending on water content of sludge. Laboratory testing is available at no charge to determine proper application rates.

### **APPLICATION:**

Load bottom lip of loader bucket with 50 to 100 lbs of Sludge Set™ and apply evenly to the sludge by manipulating the loader bucket evenly apply the Sludge Set™. Begin mixing with a loader bucket.

Allow 30 to 45 minutes for Sludge Set™ to absorb as much moisture as possible.

More Sludge Set™ may be added at areas within the basin as needed.

Sludge Set™ is available in 50# multi-wall paper bags. Store product in a dry area.

Keep out of reach of children.