

GOLDEN ENVIRO SOLIDIFIER

Technical data Sheet

Golden Enviro Solidifier is a special blend of volcanic minerals and SAP to not only solidifies water content but also a variety of Hydrocarbons.

This mix comes in two levels, our standard mix for simple water, hydrocarbons such as water mixed with oil, gas, diesel fuel.

The work Horse mix is designed for

- Metal Plating Waast
- Superfund and FUSRPA Site Wastes
- Nuclear Power Plant Waste
- Sludge with Heavy Metals
- Unused Paint
- Low level Radioactive waste (LLRW)

This mix does not only capture or solidifies the water content but also captures the oils and hydrocarbons.

Another benefit of this product - when dealing with waste containing metals is the polycarboxylate (- COOH- COONa) nature of the Polymers. This COOH group has a very high ion exchange capacity for soluble metal cautions. Many wastes containing RCRA metals will pass TCLP after solidification with our product.

This product is being used at many sites to solidify waste so that it passes paint filter test (EPA9095). The product will absorb many times its weight in water with less than 5% increase in waste Volume.

By avoiding an increase in the waste volume, significant savings can result with fewer loads to ship fewer yards of landfill disposal fees.

Benefits of Using Golden Enviro Solidifier

Product will only increase weight by less than 3%

Decrease volumes drastically compared to tradition methods to meet (TCLPS)

Product contains no known carcinogens and therefore is non WHIMS regulated

The product saves in labor costs

Lower transportation costs due to fewer loads

Lower total landfill disposal fees due since less waste volume

Faster processing time, creating overall less cost

When used properly waste sludge will pass Paint Filter test (EPA9095)

Strong ion exchange capability allows for heavy metal binding and for many solidified waste to pass TCLP

Product will excellently absorb aqueous waste of $\text{pH} > 4$. For highly acidic wastes, neutralization pH adjustment is recommended.

Non-biodegradable (40 CFR264.314 (e) (ii))

This product only makes cents to use in waste solidification.