

STAR-SORB

STAR-SORB is a solid, granular superabsorbent polymer that swells and absorbs many times its weight in aqueous solutions.

STAR-SORB is intended to solidify wet soil, general wastewaters and simple sludge for disposal to landfill or certified special waste site.

APPLICATIONS STAR-SORB should be added directly to the waste stream in small amounts as it absorbs the liquid portion of the waste.

The amount of STAR-SORB added will depend on the amount of liquid in the waste to be solidified. Cuttings waste would require a lot less material than lower density liquid waste streams like spent drilling fluid.

- ADVANTAGES**
- STAR-SORB is a high efficiency absorbent that expands in volume by less than 1 %
 - Much more effective than fly ash, sawdust or recycled diaper absorbents
 - When used properly, waste sludges will pass paint filter test (EPA 9095)
 - Solidified wastes can be incinerated
 - Will not release entrapped liquids after freezing and subsequent thawing

TYPICAL USE

Typical Amounts of STAR-SORB Added to fluid system	
Care should be taken to evenly distribute the product into the waste stream for maximum contact	
The active working time for STAR-SORB to reach its swelling capacity is approximately 10-15 minutes	

TYPICAL PROPERTIES

Physical appearance	White, granular powder
Specific gravity	0.8 – 1.0
Absorption potential	300 – 450 times in DI water

PACKAGING STAR-SORB is packaged in 50-lb (22.7 kg) bags and 2000-lb (909 kg) super sacks