

## **SaveSorb All-Natural Absorbent Disposal/Testing Notes**

At SaveSorb, we looked to federal and state disposal testing requirements to prove that our product was the most eco-friendly absorbent on the market. The primary factor allowing an absorbed oil to be disposed of in a standard landfill rather than a hazardous waste landfill is whether the absorbent leaches the oil back into the environment. SaveSorb doesn't leach and we put that statement to the test.

**LANDFILL TESTING** - SaveSorb absorbed 1 part hydrocarbon to 3 parts SaveSorb using 4 different hydrocarbons; diesel, gasoline, hydraulic fluid and motor oil. We then ran analytical tests required prior to landfill disposal.

**PAINT FILTER TEST** - One of the primary landfill requirements is that the waste has no free liquids. This is typically demonstrated by the Paint Filter Test (EPA 9095A). All 4 samples passed this test.

**LEACHING OF TOXINS** - Federal rules state that a waste is characteristically hazardous for toxicity if it leaches parameters above stated limits. We sent each sample for Toxicity Characteristic Leaching Procedure organics (TCLP, EPA 8260B) testing. The samples passed. Of particular note, the gasoline sample passed TCLP for all organic characteristics, including benzene, which was non-detect.

**MARINE LIFE** - California requires a fish bioassay (CDFG P&M 1988), a procedure by which the potency of a substance is estimated by studying its effects on living matter, placing each sample in with live fish for 96 hours. All 4 SaveSorb samples did not kill a single fish.

**USED OIL** - In most instances, mixtures of used oil and fuels or fuel products are regulated the same as used oil. Absorbent, rags, wipers, scrap metal, etc. that are contaminated with used oil fall into 2 categories —those that contain visible signs of free-flowing oil and those that don't. Unlike most oil clean-up solutions, SaveSorb absorbs hydrocarbons, converting free-flowing oil into solid matter. Once a material shows no sign of free-flowing oil, it is no longer subject to the disposal rule - 40 CFR Part 279.

**HAZARDOUS MATERIAL** - It is up to the generator to determine whether the material is hazardous. Even if a material is not deemed hazardous by Federal standards, many States regulate certain "special" wastes and have specific handling and disposal requirements. Please check your own landfill requirements.

**DISPOSAL** of used SaveSorb depends on the situation and contaminant, as well as local regulations and/or the disposal facility's waste acceptance criteria. Additional waste characterization data may be required for your specific material and matrix.

**NO WORRIES** - Though Save-Sorb does not offer disposal at this time, we do have an Environmental Specialist to answer your questions and help you determine the best disposal option for your situation.

Available in Loose Fill, Spill Kits, Socks, Pillows & Berms  
Made in North America  
Save Money! Save Time! Save the Environment!