

- \* All Natural
- \* Biodegradable
- \* Non-Toxic



- \* Helps meet EPA 1996 mandate to reduce waste
- \* Can be Incinerated

# ACID GATOR®

## SAFER HANDLING and ABSORPTION of ACID SPILLS

Acid Gator will absorb, encapsulate, suppress vapors and begin neutralization of acids in one easy step. Application of Acid Gator will begin neutralization without splattering, allowing the safe addition of a final neutralization agent to reach the desired pH. One pound of Acid Gator will effectively absorb up to three quarters of a gallon of acid.

Acid Gator™ is not a neutralization agent but rather an absorbent that allows a safer way of handling casual and emergency acid spills. Previous to Acid Gator™ there was no real way to absorb and render them safe to dispose while affording maximum worker safety. Calcined clays and Polypropylene are essentially acid resistant but only perform as a poor absorbent and are still considered hot to handle thus putting workers in danger in the clean-up and removal phases. Peat moss and normal cellulosic absorbents such as corn cob will actually be digested with strong acids and thus accentuate a handling problem.

Anyone engaged in the transportation or utilization of strong acids such as Sulphuric, Hydrochloric, Nitric, Phosphoric, Hydrofluoric, etc. are never sure workers will be diligent in safe handling practices, and consequently are always fearful of someone throwing a strong caustic material on an acid and suffering severe burns due to splatters and violent reactions that occur in uncontrolled neutralization reactions. Dilution of highly concentrated acids are just as harmful as water poured directly on acids, splatters violently and further spreads the problem of containment. Acid Gator™ is a combination of variable particle size cellulosic materials that are impregnated with 15% Soda Ash. It is safe to handle and, when applied to an acid, starts immediately neutralizing and absorbing the resultant weaker acid. In most states a pH level above 2 is safe to dispose in any dumpster. Of course, disposal methods must be dictated by local, state and federal regulations. For most acids up to 50% concentration, the pH will be adequately neutralized to allow immediate disposal. To handle more concentrated acids, apply Acid Gator™ liberally over the acid to suppress the reaction and retard spreading. You will hear a "fizz" as the Soda Ash starts reacting with the acid. Then simply add more Soda Ash and dampen down with water until the desired pH level is reached. Normally when the "fizz" sound dies down simply add more Acid Gator™ stir until dry enough to pick up and dispose.

Battery acids and muriatic acids used around the home and pools are perfect examples of acids that can be safely handled with Acid Gator™ while affording maximum personal protection. Remember, you do not necessarily have to achieve a pH of 7.0 for proper disposal. In fact, normal procedure to achieve a neutral pH subjects employees to undue exposure to caustic materials that are not necessary for safe disposal of acids. People who understand the handling of acids and potential problems with worker safety will understand immediately the nature of the product and procedure.

Supported by:

# AARC

A private/public partnership of the Alternative Agricultural and Research Commercialization (AARC) Corporation, a wholly-owned government Corporation of the U.S. Department of Agriculture.

For more information please call:

Bioforj Environmental Services  
 P.O. Box 156  
 Guelph, Ontario, Canada  
 N1H 6J9  
 Phone: (519) 767-9854 Fax: (519) 821-8030  
 Email: [info@bioforj.com](mailto:info@bioforj.com) [www.bioforj.com](http://www.bioforj.com)