

Bug Man's

SOIL GUARD BIO-TREATMENT

(Application & Usage)

BUG MAN'S SOIL GUARD BIO-TREATMENT is a grouping of naturally occurring microorganisms housed in an inert clay carrier. When properly applied under the proper conditions, they will effectively remediate hydrocarbon spills on soil surfaces. It is recommended for use on topical applications where light contamination has not permeated more than two inches below the surface.

STEP 1 - Broadcast **SOIL GUARD** over contaminated area to be remediated. Use enough product to cover visible spills. Application should be heavy enough to absorb any free fuel or oils on the surface. Use proper precautions for safe handling and use (see attached MSDS DATA).

STEP 2 - With a yard rake or hoe, till the surface of the soil in order to cultivate into the contaminated soil. **SOIL GUARD** should be mixed well with the contaminated soil surface for contact with the contaminants and to initiate aerobic activity.

STEP 3 - *(Optional)* Sprinkle 1 tablespoon of nutrients over a 20 sq. ft. area. This acts as a supplement (fertilizer) for the microorganisms. Do not use more than recommended. This can also be mixed with water and sprayed on with a pump up sprayer.

STEP 4 - Moisten the contaminated soil with a non-chlorinated water. In a high humidity climate this step is not necessary. These microorganisms need moisture to survive and remediate the soil. Do not use soaps or bleaches in conjunction with the microorganisms. If soaps or bleaches have been used on the contaminated areas wait 7 - 10 days prior to application.

STEP 5 - Broadcast a light covering of product over the contaminated treated area. The application is now complete. Follow up with raking the surface and adding a light application on a weekly basis until contaminated area has been remediated. Depending on the level of contamination, remediation should be complete in 30 - 60 days.

Use **BUG MAN'S SOIL GUARD BIO-TREATMENT** as a maintenance item to clean up after equipment maintenance operations. Broadcast around mechanical equipment areas to keep area free of hydrocarbons. Contact Agricultural Services, Inc. with any questions.