all natural ingredients

PERMA-GUARD™

Pure Diatomaceous Earth Products

GRAIN OR SEED STORAGE INSECTICIDE D-10

PERMA-GUARD D-10 GRAIN OR SEED STORAGE Insecticide is refined from a naturally occurring fresh water Diatomaceous Earth of a particular variety, and has a very high level of purity. Insect control by this material is of a physical nature, not chemical. **D-10** kills in nine ways, all physical, but the primary cause of insect death is from dehydration.

ACTIVE INGREDIENTS:

Silicon dioxide (from Diatomaceous earth)	85.0%
Inert ingredients	15.0%
Total	100.0%

KEEP OUT OF REACH OF CHILDREN

CAUTION

FIRST AID

If in Eyes: Hold Eyes open and rinse slowly and gently with water for 15 -20 minutes
Remove Contact Lenses, if present, after the first 5 minutes, then continue rinsing eye.

Call a poison control center or doctor for treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Use with adequate ventilation and avoid breathing of dust. Where PERMA-GUARD D-10 Insecticide is being used as directed in a commercial application, or where any other dusts in quantity are present, it is recommended that the applicator wear a suitable respirator. Wear a suitable dust mask when using this product during prolonged exposure.

CAUTION

Causes moderate eye irritation. Avoid breathing dust. Avoid contact with eyes or clothing. Wear a dust mask when using during prolonged exposure. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco.

This material is an effective post-harvest additive to aid in the prevention of insect damage from RICE WEEVILS, LESSER GRAIN BORERS, FLAT GRAIN BEETLES, MERCHANT GRAIN BEETLES, SAW TOOTHED GRAIN BEETLES, RED FLOUR BEETLES, CONFUSED FLOUR BEETLES, GRANARY WEEVILS, and larvae of the INDIAN MEAL MOTH to stored grains and seeds such as barley, buckwheat, corn, oats, rice, rye, sorghum (milo), sunflower seeds, and wheat.

Grain treated with this material will have a slightly dusty appearance, movement speed will be reduced, test weight per bushel will be reduced about four pounds. Fewer kernels will flow into and occupy the same space as untreated grain. Results: more bushels of grain.

Treated grain may not be reduced to sample grade, if the USDA procedures in GR instructions 918.49, Grading and Certification of Grain Containing Diatomaceous Earth, dated 4-16-90 are followed. The milling, baking, nutritive and germination qualities of grain or seed are not affected by this treatment.

NET WT:
5lbs./2.26 kgs

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

The success of the **PERMA-GUARD D-10** system of protecting grains or seeds from insect damage depends upon lightly coating the outside surface of substantially all kernels with this powder. The most effective protection will be achieved if grain or seed are treated immediately after harvest. For best results, the moisture content of the grain or seed to be treated should be adjusted to no more than 12% by weight. After treatment the grain or seed should be stored in bulk at a temperature above that required to hatch insect eggs which may be present, for a period of time, to hatch all insect eggs on the grain or seed.

FOR COMMERCIAL APPLICATIONS: Using standard milling equipment apply seven (7) pounds of this powder directly into each ton of clean, dry grain or seed to be treated and mix thoroughly.

A **PERMA-GUARD** dispenser consisting of a hopper and variable rate feeder may be used to apply the powder directly onto the grain either at the bottom of an elevator leg or as it is being moved into storage by auger or conveyor belt.

FOR HOME APPLICATIONS: Apply one measuring cupful (2 1/2 ounces by weight) of this material to each 25 pounds of grain to be treated. Mix thoroughly. A pail or other container can be used for mixing. Place grain about three inches deep into container. Sprinkle light coating of this powder over the grain. Repeat process until container is almost filled with grain. Place lid on container. Roll or shake container until powder is thoroughly mixed with the grain. Make sure a very light coating of this powder covers surfaces of substantially all kernels. Pour treated grain into a clean, dry container for storage. An air tight seal will aid in keeping moisture out of the grain. Grain should be stored in a cool dry storage area.

STORAGE AND DISPOSAL

Store in original container in a cool, dry place. Do not reuse empty container. Wrap container and put in trash collection.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: When empty, close container and discard in trash. Partially filled container may be disposed of by wrapping in several layers of newspaper and discard in trash. Then dispose of empty bag in a sanitary landfill or by incineration, if allowed by state and local authorities. If burning, stay out of smoke.

WARRANTY STATEMENT

Seller warrants that this product conforms to the ingredient statement on the label. Since conditions of use, such as weather, compatibility with other chemicals, and conditions of application equipment, will vary, seller makes no claims other than those stated on this label.

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OMRI LISTED
For Organic Use

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EPA Registration No. 67197-1 EPA Establishment No. 67197-UT-001

BATCH Number: