



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460**

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

February 3, 2016

Mr. William Currie
International Pest Management Institute
P.O. Box 607
Ash Fork, AZ 86320

Subject: Label Amendment – response to EPA letter dated July 29, 2015
Product Name: Perma-Guard Grain or Seed Storage Insecticide D-10
EPA Registration Number: 67197-1
Application Date: October 5, 2015
Decision Number: 512285

Dear Mr. Currie:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. “To distribute or sell” is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance.

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Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. If you have any questions, please contact Linda A. DeLuise by phone at 703-305-5428, or via email at deluise.linda@epa.gov.

Sincerely,



Richard Gebken
Product Manager 10
Invertebrate & Vertebrate Branch 2
Office of Pesticide Programs

Enclosure

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.

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.

1/04/2016

BATCH NUMBER

NET WT.

Manufactured for:

Perma-Guard, Inc.
60 North Cutler Drive, Unit 202
North Salt Lake, UT 84054
(505) 243-1460

EPA Registration No. 67197-1
EPA Establishment No. 67197-AZ-1

ACCEPTED

02/03/2016

Under the Federal Insecticide, Fungicide
and Rodenticide Act as amended, for the
pesticide registered under

EPA Reg. No. 67197-1

PERMA-GUARD 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%
Other Ingredient	15.0%
Total	100.0%

KEEP OUT OF REACH OF CHILDREN
CAUTION

FIRST AID

If in eyes	<ul style="list-style-type: none">— Hold eye 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.
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Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

DIRECTIONS FOR USE:

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

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.

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.