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U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division (H7505C)  
401 "M" St., S.W.  
Washington, D.C. 20460

EPA Reg. Number:  
69261-3

Date of Issuance:  
JUL 28 1997

NOTICE OF PESTICIDE:

- Registration
- Reregistration

(under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

Harper Valley Diatomaceous  
Earth Grain Storage  
Insecticide

Name and Address of Registrant (include ZIP Code):

DiaSource, Inc.  
P.O. Box 7801  
Boise, ID 83707

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is unconditionally registered in accordance with FIFRA sec. 3(c)(5). Once a pesticide is registered, however, it is not regarded as permanently acceptable. Registration does not eliminate the need for continual reassessment of pesticides. If the Agency determines that, at any time, additional data are required to maintain in effect an existing registration, the Agency will require submission of such data under FIFRA section (3)(c)(2)(B).

1. Make the following label change:

- a. Add the phrase "EPA Registration Number 69261-3" to the label.
- b. Revise the ingredient statement as follows:  
  
Active Ingredients:.....100%  
Diatomaceous Earth (including silicon dioxide, other oxides and moisture)
- c. The net weight or net content of product should appear on the lower third of the front label panel.

Signature of Approving Official:

Date:

- d. Revise the Hazards to Humans and Domestic Animals to read as follows:

Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling. Use adequate ventilation and avoid breathing dust. For prolonged exposure to dust, use a suitable dust mask approved by NIOSH/MSHA.

- e. Delete the words "natural grade" from the statement "This natural grade product..." since statements relative to composition directly or indirectly implying to the safety of a pesticide is unacceptable.
- f. The statement, "It is a violation of Federal law to use this product in a manner inconsistent with its labeling.", must appear directly under the heading entitled Directions For Use.
- g. Under the Directions for Use revise to read the statement, "Using standard milling equipment apply two to seven pounds..." Also add the following to this section.

The moisture content of the grain or seed treated should be adjusted to no more than 12% by weight. Thoroughly mix with grain. Product may be dispensed into the grain either at the bottom of an elevator leg or as it is being moved into storage by sugar or conveyor belt. Seal bin for storage. It is wise to check to status of stored grains regularly.

IMPORTANT: Treated grain will have a dry appearance, its movement speed will be reduced and the grade and test weight may be lowered. Milling, baking, nutritive and germination qualities of grain or seed however are not affected by this treatment.

- h. You must either delete the statement "Additionally, Indian Meal Moth populations are suppressed for up to 30 days after treatment." or cite/submit data to support this claim.
- i. On the front label panel, add the statement "For Commercial/Agricultural Use Only".

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3. Submit two copies of the revised final printed label for the record. Refer to the A-79 enclosure for a further description of final printed labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Sincerely yours,

George T. LaRocca  
Product Manager 13  
Insecticide-Rodenticide Branch  
Registration Division (7505C)

Enclosure

ACCEPTED  
with COMMENTS  
by EPA Letter Dated

DRAFT

JUL 28 1997

Under the Federal Insecticide,  
Fungicide and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.  
69231-3

HARPER VALLEY DIATOMACEOUS EARTH  
GRAIN STORAGE INSECTICIDE

ACTIVE INGREDIENT:

Silicon Dioxide, from diatomaceous earth 90%

INERT INGREDIENTS:

10%

TOTAL

100%

KEEP OUT OF REACH OF CHILDREN

CAUTION

EPA Registration NO. 69261-  
EPA Establishment NO.

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER  
INCONSISTANT WITH ITS LABELING.

Harper Valley Diatomaceous Earth consists of the skeletal remains  
of fresh water diatoms and contains amorphous silica. This  
natural grade product is intended for use as a post harvest  
treatment to control insects in stored grains, including wheat,  
barley, oats, rice, sorghum, and rye.

PRECAUTIONARY STATEMENTS: Hazards to Humans and Domestic Animals.

CAUTION: Avoid contact with eyes. Use adequate ventilation and  
avoid breathing dust. For prolonged exposure to dust, use a  
suitable dust mask approved by NIOSH/MSHA.

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## STATEMENT OF PRACTICAL TREATMENT

IF IN EYES: Flush eyes with plenty of water. Call a physician if irritation persists.

### DIRECTIONS FOR USE

Apply one to two pounds per ton of grain during storage to prevent insect damage to grain. For best results, treat grains and seed immediately after harvest. Harper Valley D.E. provides effective control of Granary Weevils, Red Flour Beetles, Rice Weevils, Sawtoothed Grain Beetles, and Rusty Grain Beetles. Direct contact with dust is necessary for control.

Additionally, Indian Meal Moth populations are suppressed for up to 30 days after treatment. Apply to the surface of grain at the rate of one pound per 1,000 square feet at the first sign of moths. Repeat treatment as necessary for control.

Empty bins and storage areas can be protected from stored grain insects by dusting walls and surfaces where insects hide or crawl. Apply at the rate of one pound per 1,000 square feet of surface area, using a hand duster or power equipment suitable for the application of dusts. Apply thoroughly to cracks and crevices and other areas where insects may hide or crawl. Repeat treatment after grain has been removed from storage.

### STORAGE AND DISPOSAL

Store in original container in a dry location. Do not re-use empty container. Offer for recycling or reconditioning, or dispose of according to procedures approved by state and local authorities.

Do not contaminate water, food, or feed products by storage or disposal.

IN CASE OF SPILL: Dampen with water and sweep. Waste resulting from the use of this product may be disposed of onsite or at a local sanitary landfill.

### WARRANTY STATEMENT

Seller warrants that this product conforms to its chemical description and is reasonably fit for the purpose stated on the label. Since conditions of use such as moisture, compatibility with other chemicals, and conditions of application may vary, seller makes no claims other than those stated on this label.

Manufactured by:

DiaSource Inc.  
P.O. Box 7801  
Boise, Idaho 83707  
NET WT.