



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

September 28, 2009

Sharon M. Johnston
DiaSource, Inc.
3509 Crescent Rim Drive
Boise, ID 83706

Subject: Amendment – Adding use site (peanuts)
DiaSource Diatomaceous Earth Grain Storage Insecticide
EPA Reg. No. 69261-3
Your submission dated May 27, 2009

Dear Ms. Johnston:

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, is acceptable subject to the comments listed below. Two (2) copies of the finished labeling must be submitted prior to releasing the product for shipment. A stamped copy of the label is enclosed for your records.

1. Replace "Wash thoroughly with soap and water after handling" with "Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco" in the *Precautionary Statement* section.
2. Move "Use adequate ventilation and avoid breathing dust. For prolonged exposure to dust, use a suitable dust mask approved by NIOSH/MSHA" to the *Direction For Use* section".
3. Replace "It is recommended that the moisture content of the grain or seed treated by adjusted using aeration to no more than 12% by weight" with "Adjust the moisture content of the grain or seed treated by using aeration to no more than 12% by weight" under *Grain Treatment*.
4. Replace "For best results, a surface treatment is recommended in combination with the layer treatment technique described above" with "For best results, use a surface treatment in combination with the layer the treatment technique described above" under *Surface Treatment*.

If you have any questions regarding this action, please contact BeWanda Alexander at Alexander.bewanda@epa.gov or (703) 305-7460.

Sincerely,



Richard Gebken
Interim Product Manager 13
Insecticide Branch
Registration Division (7505P)

Enclosure

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DiaSource DIATOMACEOUS EARTH

GRAIN STORAGE INSECTICIDE

ACTIVE INGREDIENT:

Diatomaceous earth (including silicon dioxide, other oxides and moisture).....100.0%

**ACCEPTED
with COMMENTS
In EPA Letter Dated
SEP 28 2009**
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under EPA Reg. No.
69261-3

EPA Reg. No. 69261-3

EPA Est. No.

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

See Side/Back Panel for Additional Precautions

NET WT.

FOR COMMERCIAL/AGRICULTURAL USE ONLY

DiaSource Diatomaceous Earth consists of the skeletal remains of fresh water diatoms and contains amorphous silicon dioxide. This product is intended for use as a post harvest treatment to control insects in stored grains (including wheat, barley, oats, rye, corn, beans, peas, rice, sorghum), peanuts, seeds and feeds.

PRECAUTIONARY STATEMENTS Hazards to Humans & Domestic Animals

CAUTION: 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.

FIRST AID

If in EYES: 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.

Have the product container or label with you when calling a poison control center or doctor or going for treatment. Call 1-800-222-1222 for further information.

DIRECTIONS FOR USE: It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

GRAIN TREATMENT:

Apply one to two pounds per ton of grain (28 to 56 pounds per 1,000 bushels) during storage to prevent insect damage to grain. For best results, treat grains and seed immediately after harvest. DiaSource D.E. provides effective control of stored grain insects, including Granary Weevils, Red Flour Beetles, Rice Weevils, Sawtoothed Grain Beetles, Rusty Grain Beetles, Merchant Grain Beetles, Hide Beetles, Litter Beetles and grain and mold mites. Direct contact with dust is necessary for control. Use the higher rate of applications to corn. Optimal performance is achieved with low grain moisture. It is recommended that the moisture content of the grain or seed treated be adjusted using aeration to no more than 12% by weight. Thoroughly mix DiaSource D.E. 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 auger or conveyor belt. Seal bin for storage. It is wise to check the status of stored grain regularly.

IMPORTANT: When treating the entire grain mass, treated grain will have a dry appearance, its movement speed may be reduced and the grade and test weight may be lowered. To minimize these effects, a layer treatment is recommended. Milling, baking, nutritive and germination qualities of grain or seed are not affected by this treatment.

LAYER TREATMENT: As an alternative to treating the entire grain mass, apply one to two pounds per ton (28 to 56 pounds per 1,000 bushels), treating only the top 2-3 feet of grain at the time of storage. A mechanical dust applicator is recommended, taking care to achieve even distribution. For best results, combine layer treatment technique with an empty bin treatment prior to storage of grain.

SURFACE TREATMENT: As a top dressing treatment, apply two to three pounds of DiaSource D.E. per 1,000 square feet of grain surface area. For best results, a surface treatment is recommended in combination with the layer treatment technique described above. Indian Meal Moth populations are suppressed using this technique. Apply to the surface of grain at the rate of one to three pounds per 1,000 square feet at the first sign of moths. Repeat treatment as necessary for control.

EMPTY BIN TREATMENT: Empty bins, bulk grain storage areas, peanut warehouses and storage areas, grain handling equipment and transportation vehicles can be protected from stored grain insects by dusting walls, floors and other surfaces where insects hide or crawl. Apply at the rate of one to three pounds per 1,000 square feet of surface area using mechanical dust applicator or power equipment suitable for the application of dusts. Distribute dust evenly and apply thoroughly to cracks and crevices and other areas where insects may hide or crawl. Repeat treatment after grain has been removed from storage. DiaSource D.E. can also be applied as a slurry treatment to empty bins and bulk grain storage areas. Mix 1.5 lbs. of DiaSource D.E. per gallon of water and apply 1.5 gallons of finished spray per 1,000 sq. ft. Apply evenly for thorough coverage to the point of runoff.

PEANUT (IN SHELL) TREATMENT:

Apply two pounds per ton (28 to 56 pounds per 1,000 bushels), treating only the top 2-3 feet of peanuts at the time of storage. A mechanical dust applicator is recommended, taking care to achieve even distribution. For best results, combine layer treatment technique with an empty bin treatment prior to storage of peanuts.

STORAGE & DISPOSAL

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

Storage: Store in original container in a dry location.

Disposal: Non-refillable container. Do not reuse or refill this container. Offer for recycling or reconditioning or dispose of according to procedures approved by state and local authorities.

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. Conditions of use such as moisture, compatibility with other chemicals and conditions of application may vary. To the extent consistent with applicable law, seller makes no claims other than those stated on this label.

Manufactured by:
DiaSource Inc.
P.O. Box 7801
Boise, Idaho 83707