



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

April 30, 2018

Ann Tillman, Agent  
DE-Source, Inc.  
c/o Pyxis Regulatory Consulting Inc.  
4110 136th St. Ct. NW  
Gig Harbor, WA 98332

Subject: Label and CSF Amendment – Label and CSF Amendment and Amendment  
per PR Notice 2007-4  
Product Name: Pure DE  
EPA Registration Number: 69261-4  
Application Date: 10/25/2015  
Decision Number: 507391

Dear Ms. Tillman:

The amended label and CSF referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, are 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.

Please note that the record for this product currently contains the following CSF:

- Basic CSF dated 01/03/2018

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.

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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.

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 Richard Gebken via email at [gebken.richard@epa.gov](mailto:gebken.richard@epa.gov).

Sincerely,

A handwritten signature in dark ink, appearing to read 'R. Gebken', is written over the typed name.

Richard Gebken  
Product Manager 10  
Invertebrate & Vertebrate Branch 2  
Registration Division (7505P)  
Office of Pesticide Programs

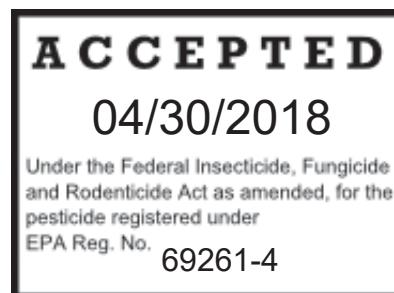
Enclosure

[Note to reviewer: text in brackets [ ] denotes optional text].

**PURE DE**  
**100% DIATOMACEOUS EARTH**  
**INSECTICIDE**

PURE DE (Diatomaceous Earth) consists of the skeletal remains of fresh water diatoms. This product is intended for indoor and outdoor use to control ants, bedbugs, spiders, fleas, houseflies, little houseflies, German cockroaches, mites, earwigs, and the other insects listed on this label.

ACTIVE INGREDIENT: Silicon Dioxide.....88.25%  
Other Ingredients.....11.75%  
Total.....100.00%



**READ ENTIRE LABEL**  
**BEFORE USING**

**KEEP OUT OF REACH**  
**OF CHILDREN**

**CAUTION**

EPA Reg. No. 69261-4  
EPA Est. No.(s)

<b>FIRST AID</b>
<ul style="list-style-type: none"><li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li><li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
<b>HOT LINE NUMBER</b>
Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 1-800-222-1222 for emergency medical treatment information

See [Inside booklet][Front][side][/]back] panel for Precautionary Statements, Directions for Use and Storage and Disposal.

**Net Wt: xx oz ( g)**

## PURE D.E.

### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION:** Causes moderate eye irritation. Avoid contact with eyes or clothing. Use adequate ventilation and avoid breathing dust. For prolonged exposure to dust, use a suitable dust mask approved by NIOSH/MSHA. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

#### DIRECTIONS FOR USE

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

This product is a ready-for-use insecticide dust which has given effective knockdown and control of the pests listed.

For use in residential and commercial pest control, in and around buildings and structures and their immediate surroundings, and on modes of transport.

Intended for application with hand or power duster, or by other suitable means, to cracks, crevices, voids, hiding and runway areas, and places where pests are found.

In living areas, make applications in such a manner as to avoid deposits on exposed surfaces or introducing the material into the air. Treat a small area of the surface to be treated and look for staining or other adverse reaction before making regular application.

To apply insecticide directly into cracks and crevices, use a bulbous duster or other suitable equipment. Apply lightly and uniformly to infested areas. Pay particular attention to cracks, crevices and voids where insects may be harboring, traveling, breeding or entering the structure. Examples of these areas are service ducts; false floors and ceilings; wall voids; around electrical and telephone fittings and equipment; around water and sewer pipes; under and behind cabinets, refrigerators and sinks; around window and door frames; along baseboards; in attics and crawl spaces; landscaped and mulched areas. The amount of product to be applied will vary with the site but should usually be in the range of 0.15 - 0.6 oz/10 ft<sup>2</sup> or 1 - 5 oz/100 ft<sup>2</sup>. To treat against Black Widow Spiders and Pharaoh Ants, apply at a rate of 0.633 oz/10 ft<sup>2</sup> or 6.33 oz/100 ft<sup>2</sup>. Repeat treatments as necessary to maintain adequate control.

### STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE AND SPILL PROCEDURES:** Store in original container in cool dry area and inaccessible to children and pets. In case of spill, vacuum or dampen with water and sweep up.

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

**CONTAINER DISPOSAL:** Non-refillable container. Do not reuse or refill this container. If container is partly filled, contact your local solid waste agency for disposal instructions. **NEVER PLACE UNUSED PRODUCT DOWN ANY INDOOR OR OUTDOOR DRAIN.**

#### Asian Lady Beetles, Boxelder Bugs and Cluster Flies:

Apply where these insects may be harboring, traveling, breeding or entering the structure.

**Food Areas of Food/Feed Handling Establishments:** Food/feed handling establishments are places other than private residences in which food/feed is held, processed, prepared or served. In food handling areas, or areas where food or feed products are prepared or stored, apply as a Crack & Crevice® or spot treatment. As a Crack & Crevice® treatment, apply sparingly into cracks and crevices using equipment designed to place powder into specific locations. Limit spot treatments to walls or floors where pests are suspected of hiding. No individual spot treatments should exceed 2 ft<sup>2</sup>. Remove or cover all food or feed items in the treatment area before applying product. Treat open spaces below floors, above ceilings, within walls, under stairs, underneath and behind equipment or appliances, around pipes and sinks, in utility closets and around garbage and waste cans. For best results apply to dry areas. Repeat treatment on dry surfaces, as needed, to maintain control of problem pests.

#### OUTDOOR USE:

Apply as a treatment in and around cracks, crevices or voids associated with windows, doors, porches, screens, eaves, patios, garages, under stairways, around foundations, sewers, animal burrows, mulched areas, manure or compost piles and in crawl spaces and other areas where insects may be harboring, traveling, breeding or entering the structure.

- In the home, exposed food, food processing and utensils in the treatment area should be covered, cleaned or removed
- Do not apply to classrooms when in use. Do not apply to institutions (including libraries, sport facilities, etc.) in the immediate area when occupants are present.

- Remove patients before using. After treatment, ventilate rooms for 30 minutes before returning patients to rooms.
- Do not apply in aircraft cabins.

### **LIVESTOCK HOUSING STRUCTURES**

For use in and around livestock housing structures, swine houses, cattle barns, calf hutches, loafing barns, horse stables and pet kennels. To control ants, spiders, fleas, houseflies, little houseflies, cockroaches, mites, litter beetles, hide beetles, earwigs and other crawling insects, apply dust evenly at a rate of 1 pound per 150 square feet.

Apply dust using hand or power duster or other suitable equipment. Apply uniformly to infested areas of walls and floors. Pay particular attention to cracks and crevices, bedding, wall voids and around window and door frames. Applications are permitted when animals are present. Do not apply directly to animal feed or watering equipment. Repeat treatments as necessary to maintain adequate control.

### **POULTRY HOUSES**

To control bedbugs, mites, litter beetles (darkling beetles) and hide beetles, apply dust to litter at a rate of 4 pounds per 1000 square feet of surface area. Uniformly cover floors and walls paying particular attention to cracks and crevices, corners and underneath feed and watering equipment and lines. Avoid contamination of feed and water. Applications can be made up to 75 pounds per 1000 square feet for severe infestations and in moist areas. If litter is greater than 3 inches deep, apply up to an additional 25 pounds per 1000 sq. ft. per additional inch of litter. Applications are permitted mid-flock while birds are present. Litter should be retreated when replaced and before each new batch of poultry is introduced to the facility.

### **INDOOR & OUTDOOR TREATMENTS**

**Crawling Insects:** Apply to cracks, crevices and voids where insects may be harboring, traveling, breeding or entering the structure. For example: around sinks and storage areas; behind baseboards; around doors and windows; behind and under refrigerators, cabinets and desks, sinks and stoves, and attics and crawl spaces. In commercial areas, apply to cracks; crevices and voids; office areas; stainless steel equipment; shelving; machinery; pallets; and other areas where these insects may be harboring, traveling or entering the structure.

**Carpenter Ants:** Apply to cracks, crevices and voids where insects may be harboring, traveling, breeding or entering the structure. If possible, apply dust into infested wood through existing openings or newly drilled small holes. When possible, locate and treat nests, trails and surrounding areas.

**Fleas:** Apply dust to infested areas such as in and around pet beds and resting quarters; nearby cracks and crevices; under the edges of rugs, carpets and floor coverings. Apply a thin coat of dust to rugs and carpets. Rake (not sweep) nap back and forth, causing dust to enter rug or carpet. Leave overnight. Repeat applications and vacuum every 3-4 days as necessary for effective flea control. PURE DE will kill live fleas. Treat cracks, crevices and voids around and under upholstered furniture, and other areas where these pests frequent. When treating furniture, rugs and fabrics, treat a small area first to check for staining before treating large areas. **Do not treat animals with this product.**

**Bees, Wasps, Hornets, Paper Wasps and Yellowjackets:** It is generally advisable to treat wasp and bee nests in the evening when insects are less active and have returned to the nest. Wear protective clothing, if deemed necessary, to avoid stings. Using hand or power duster, or other suitable means (with extension tubes if necessary), thoroughly dust nest, nest entrance and surrounding areas where insects alight. Nests in voids should be located and treated. If necessary, drill a hole into the void(s), blow dust in, and reseal. For ground wasps and yellowjackets, dust entrance and surrounding areas. For best results, carefully check nests 1 -2 days after treatment to ensure complete kill. When treating overhead nests, apply in such a manner as to avoid drift onto the applicator.

**Bed Bugs:** Apply at a minimum rate of 1.6 oz/100 ft<sup>2</sup> to cracks, crevices and voids associated with mattresses, box-springs, bed-frames and other furniture where these insects may harbor, travel, breed or enter the room. Treat mattresses, especially tufts, folds and edges. After four hours vacuum the dust from the mattress. Cover with clean bedding before using. Bed Bugs may also harbor in areas of the room away from the bed or furniture. Apply product to wall voids, behind wall hangings, floor molding, window casings, carpet's edge, popcorn ceilings and other cracks, crevices or voids.

**Carpet Beetles (Black, Furniture and Varied) Webbing Clothes Moths and Spiders:** Apply where these insects may be harboring, traveling, breeding or entering the structure. For example: on and under edges of floor coverings; under rugs and furniture; in closets and associated wall voids. When treating furniture, rugs and fabrics, treat a small area first to check for staining before treating a large area.

**Fruit and Phorid Flies:** Apply where these insects harbor, travel, breed or enter the structure. For example: under cabinets or shelving; behind or under equipment or drains; protected exterior areas such as eaves, trash cans and dumpsters; and other areas where organic debris may accumulate.

**WARRANTY STATEMENT**

Seller warrants that this product complies with the specifications expressed in this 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 other warranties, and disclaims all other warranties, express or implied, including but not limited to warranties of merchantability and fitness for the intended purpose. To the extent consistent with applicable law, Seller's liability or default, breach or failure under this label shall be limited to the amount of the purchase price. To the extent consistent with applicable law, Seller shall have no liability for consequential damages.

Manufactured by:

DE-Source Inc.  
3779 Dahle Road,  
Westfall, OR, U.S.A.

Mailing Address:  
DE-Source Inc.  
724 Sarcee Street East  
Kamloops, BC Canada  
V2H 1E7  
1-800-667-0336

