CUT OR TEAR HERE TO OPEN

RESEALABLE PACKAGE

20mm zipper

PRESS TO RESEAL

1.5"

.5" trim

Department of Agriculture
STATE OF HAWAII

LICENSED

PERMIT 2014-2016 LIC. NO.

9769.9

MannaPro®
nurturing life.

# Pure DEfense™

## Diatomaceous Earth

**Kills cockroaches, ants, earwigs, silverfish, beetles, slugs and other crawling insects**

**Insects that come in contact with or ingest Pure DEfense™ Diatomaceous Earth die within 48 hours**

**Insects cannot become immune to its action**

**Net Wt 4 lbs. (1.8 kg)**

| ACTIVE INGREDIENT | |
|---|---|
| Diatomaceous Earth* (including silicon dioxide, other dioxides and moisture) | 100% |
| **Total** | 100% |

*Amorphous Silica

KEEP OUT OF REACH OF CHILDREN

**CAUTION**

See back panel for additional Precautionary Statements and Directions for Use

.375" seal - No Text

16.5"

.375" seal - No Text

MannaPro® | Pure DEfense™ | Diatomaceous Earth

4" Bottom Gusset

38"

.375" seal - No Text

16.5"

.375" seal - No Text

Distributed by:
MannaPro®
nurturing life.
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Size: 12.095" x 16.5" x 4"
Material: Stock - Impack
Product:
Date: 7.5.12
Revision Date:

Please Recycle Packaging Where Facilities Exist

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Pure DEfense™ Diatomaceous Earth

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION:** Causes moderate eye irritation. Avoid contact with eyes. Use adequate ventilation and avoid breathing dust. Wear a suitable dust mask approved by NIOSH/MSHA when using this product during prolonged exposure.

| FIRST AID | |
|---|---|
| **If in eyes** | • Hold eye open and rinse slowly and gently with water for 15-20 minutes.<br>• 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.

**DIRECTIONS FOR USE:**

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

**INDOOR AND OUTDOOR APPLICATIONS**

Pure Defense™ Diatomaceous Earth is intended for application with a hand duster, power duster or other suitable means for application to areas where insects are found. Apply this product to cracks and crevices with the use of a bulbous duster or other suitable equipment.

Apply lightly and uniformly.

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. The amount of product to be applied will vary with the site but should usually be in the range of 1 - 2 oz./100 square feet.

**Indoor Use:** Cockroaches, Ants, Earwigs, Millipedes and Centipedes, Crickets and Silverfish. Lightly coat a thin layer of Pure Defense™ Diatomaceous Earth in areas where these pests are found and may hide such as cracks and crevices, behind and beneath cabinets, garbage cans and in and around sewer pipes and drains, near window frames. Dust insects directly if possible. Repeat treatment regularly.

**Fleas:** Thoroughly treat floor and bedding in and around pets' sleeping quarters. Treat surrounding cracks and crevices, baseboards, carpeting and wherever flea are suspected.

**Outdoor Use:** Pure Defense™ Diatomaceous Earth is intended for application with a hand duster, power duster, or as a slurry for application to areas where insects are found. Cockroaches, Earwigs, grasshoppers, Ants, Crickets and other insects. Lightly coat a thin layer of Pure Defense™ Diatomaceous Earth in areas where these insects are found such as patios, outdoor sills, window and door frames. Apply around foundations, along ant trails and around sewer pipes and drains. Repeat treatment as necessary.

**Poultry Houses:** To control bedbugs, mites, litter beetles (darkling beetles) and hide beetles, apply dust to litter at a rate up to 4 pounds per 1000 square feet of surface area or as a slurry up to 20% solution (Note: 1.65 pounds per gallon = 20% solution). 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 7.5 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 2.5 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. Repeat treatments as necessary to maintain adequate control.

**Slurry Mixing:** When a slurry application is desired or being utilized use the following procedure:

(1) Fill spray tank using 2 /3 of the desired amount of water. (2) Add up to 2.5 ounces (dry weight) of Pure Defense™ Diatomaceous Earth to each gallon of water in the total spray mixture. (3) After Pure Defense™ Diatomaceous Earth is thoroughly blended add the remaining amount of water. (4) Maintain constant agitation while blending and spraying. (5) Spray application area enough to wet the area but not to the point of runoff. (6) Slurry treatments are intended for outdoor applications and all applications to Poultry. Slurry treatments are not intended to be made inside human living areas.

**STORAGE AND DISPOSAL:**

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

**Storage:** Store in a cool, dry area

**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:** If Empty – Do not reuse this container. Place in trash or offer for recycling if available.
If Partly Filled – Call your local solid waste agency or 1-800-CLEANUP for disposal instructions.
Never place unused product down any indoor or outdoor drain.

Manufacturer makes no warranty, expressed or implied, regarding the performance of this product in the absence of control over how it is used.

.375" seal - No Text

16.5"

.375" seal - No Text

12.095
Repeat

4lb bag