

DR. KILLIGAN'S®

# DUST TO DUST

## PRODUCT USER GUIDE



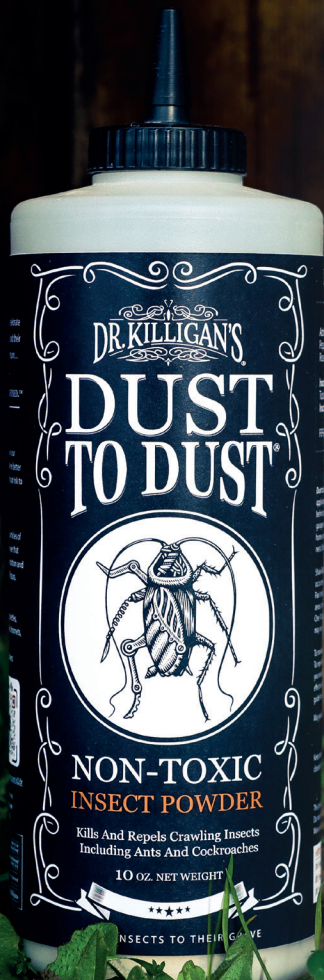
Dearly Beloved,

I've seen the need for non-toxic pest control, and I've been hard at work exploring, researching, testing and creating this innovative concoction to aid you in your quest for peace and tranquility, free from bothersome insects in your home.

While this product kills, repels and prevents unwanted insects in and around your home, it is not an instant kill. It will take some time for the essential oils and silica to break down the exoskeleton of the bug, resulting in death by dehydration. It has a similar effect as diatomaceous earth (DE), although kill times with Dust to Dust are up to three times faster than DE.

So dust away, friend, to protect your home from unwelcome invaders. While you're at it, throw up a little prayer for the deceased: "Ashes to ashes. Dust to Dust." Or not.

*Dr. Killigan*



## DR. KILLIGAN'S PROMISE

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We firmly stand behind our products. If you are not satisfied with this product for any reason contact us at [Support@DrKilligans.com](mailto:Support@DrKilligans.com) and we will offer a replacement or a refund.

# DUST TO DUST AND HOW IT WORKS

*Dust to Dust* is a natural, effective solution to control insects. This proprietary formula utilizes super-fine silica particles to disperse encapsulated peppermint and rosemary essential oils, both of which are deadly to insects. Specialized silica protects the essential oil nanotechnology, bolstering the longevity of the mixture. The silica also prevents the insect powder from clumping or settling, improving its effectiveness.

## HOW TO USE

Using *Dust to Dust* is as simple as 1, 2, 3.



**INVERT**



**PUFF**



**RELAX**

## OPENING THE BOTTLE FOR THE FIRST TIME

Remove the cap



Carefully cut the nozzle at the top mark for the recommended volume of dust. The hole will increase in size the closer the cut is made to the bottom mark. Top mark, less dust. Bottom mark, more dust.



Settling can occur over time. With the cap on, shake the bottle before each use.

# PRODUCT USE

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## DISTRIBUTION METHODS



*Dust to Dust* is a versatile powder that can be applied indoors and outdoors, as well as on and around plants. Distribute dry *Dust to Dust* with the provided spouted cap or pair it with Dr. Killigan's *Insect Buster*™ for harder-to-reach areas. It is also a wettable dust and can be mixed to form a sprayable solution to decrease airborne particles. The sprayable solution is the preferred method to easily apply to plants.

## WHEN DO I REAPPLY



Reapplication after moderate to heavy rain is recommended. When directly applying the product to a ground nest or flying insect nest, check back periodically for insect activity. Reapply as needed.

## STRATEGIES



There are two main strategies for using *Dust to Dust*:

- 1 Use it proactively in key locations to prevent insect problems, or
- 2 Apply it directly to insects or insect nests.

## HOW LONG WILL IT REMAIN EFFECTIVE?



*Dust to Dust's* efficacy longevity is governed by factors like environment, insect activity, and application. It benefits from the encapsulation of essential oils, which endure longer than their traditional counterparts. Reapplication may be needed more often in areas with high insect populations.

Indoors, *Dust to Dust* lasts from weeks to months, although regular cleaning could necessitate additional applications. Outdoor usage is shorter-lived, especially in areas exposed to weather elements. Protected or less weather-prone spaces maintain effectiveness longer. High moisture environments may require frequent reapplication as silica's drying properties decrease upon absorbing atmospheric moisture. Upon drying, *Dust to Dust* will again be effective.

## HOW MUCH DO I USE



The amount of coverage needed will vary depending on the environment where the application is taking place. For example, you may want a heavier dose around the perimeter of your home, and a lighter dose behind cabinets and refrigerators. Apply at a consistent rate for best results. In general, a light dusting of a surface is all that is needed. See below for application location recommendations.

# PRODUCT USE

## INDOOR USE

Apply the product as a dry or wettable powder. Indoor applications include along baseboards, under cabinets, inside cabinets and drawers, behind appliances, under sinks, under furniture, along windows and doors, in closets, in garages, in attics and more.

### 3 Easy Steps to Apply *Dust to Dust* Indoors:

- 1 Puff a small amount in the desired location (along baseboards on a hardwood or tile floor).
- 2 Use a small broom and sweep into cracks (under baseboards).
- 3 Wipe any unsightly residue.



## OUTDOOR USE

Apply the product as a dry or wettable powder. Outdoor applications include around the perimeter of your home and structures, around and on plants and trees, crawling insect nests, flying insect nests, spider webs and more.

This product is most effective when applied directly onto active insects, and works well as a preventative by creating an environment that is inhospitable for insects to prosper.



## PLANTS

Apply *Dust to Dust* dry or as a wettable powder onto plant soil, leaves and stems. We recommend mixing the product into a wettable powder because the product will be able to cling to the surface of plants much easier than using a dry application. A visible residue of the powder is left behind once the product dries and the water has evaporated. This is normal. *Dust to Dust* will continue to be effective as pests walk through it. Apply *Dust to Dust* in a small test area if you are concerned about delicate plants.

Please reference the table for mixing ratios. Remember to agitate the wettable powder frequently to avoid settling. Clean out your preferred applicator after each use to prevent premature degradation.



# PRODUCT USE

## HOW TO USE AS A WETTABLE DUST

Mixing *Dust to Dust* with water to produce a sprayable solution can be sprayed in areas where insects are present.

See the table below for additional mixing instructions and square footage coverage.

- 1 Use a ratio of one part product to eight parts water.
- 2 Pair with an appropriately sized applicator.
- 3 Shake well and frequently to prevent separation and clogging.
- 4 Spray the suspension onto the desired surface. When the water evaporates, a residue of *Dust to Dust* will remain to actively kill and repel insects and pests.

Avoid applying the product to areas where it may come into contact with beneficial insects, such as bees and other pollinators.

It is best to apply *Dust to Dust* indoors in high traffic areas using the sprayable method. This will help control dust during application and eliminate any long-term powders puffing into the air from foot traffic.

The sprayable method is great for plants, for high traffic areas indoors, and for larger areas like backyards.

Cups (Volume)	Net Weight (oz)	Water (oz)	Square Footage
0.25	0.5	16	125
0.5	1	32	250
0.75	1.5	48	375
1	2	64	500
1.25	2.5	80	625
1.5	3	96	750
1.75	3.5	112	875
2	4	128	1,000

## HOW DO I UNCLOG MY SPRAY BOTTLE?

Particulates from the formula can settle within trigger sprayers and cause temporary clogs, preventing normal operation. Nozzles can vary greatly from one manufacturer to another. To avoid clogs, it is important to use a trigger sprayer with maximum output volume. In general, to clear a clogged sprayer, remove the nozzle tip completely from the trigger sprayer. Pump clean water through the sprayer until the liquid starts to flow. Rinse off the nozzle tip with warm water. Affix the nozzle tip back onto the trigger sprayer, and start application again.

# PRODUCT USE

## TARGET LOCATIONS

### Along:

Baseboards  
Cabinets  
Door Thresholds  
Eaves  
Fencing  
Porches  
Shelving  
Sliding Glass Doors  
Window Sills

### Behind:

Fridges  
Dishwashers  
Dryers  
Electrical Outlets  
Other Appliances  
Stoves  
Walls  
Washers  
Window Sills

### Around:

Attics  
Homes  
Crawl Spaces  
Outdoor Structures  
Plants  
Sheds  
Shops  
Shrubs  
Trees  
Warehouses

### Under:

Dryers  
Fridges  
Dishwashers  
Electrical Outlets  
HVAC Units  
Housing  
Outdoor Structures  
Stoves  
Sinks  
Washers

## TARGET PESTS

Target pests include, but are not limited to:

Ants  
Aphids  
Beetles  
Cockroaches  
Earwigs  
Fleas  
Flies  
Larvae  
Mites  
Mosquitos  
Moths  
Silverfish  
Spiders  
Ticks

## PAIR IT UP!

The most effective tool for dispersing *Dust to Dust* and other non-toxic powder insecticides is Dr. Killigan's *Insect Buster™*, a compact bulb duster that together with *Dust to Dust* really packs a wallop... Minimize waste. Maximize impact. No more bed bug bites. No more ants marching two by two. This is one super-quality, single-purpose, must-have tool designed to last a lifetime. Offered in 8 oz and 14 oz sizes. Shop *The Insect Buster* now at [DrKilligans.com](http://DrKilligans.com) and use code GET10 for 10% OFF your first order!



**Note:** To avoid potential clogs in *The Insect Buster*, fill the bulb no more than  $\frac{3}{4}$  full. This allows enough air to be properly expelled with the powder when squeezing the bulb. Shake *The Insect Buster* in between puffs to allow the steel ball to fluff the powder and to break up any clumps.

# DUST TO DUST FAQ's

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## CAN THE ESSENTIAL OILS IN DUST TO DUST TRANSFER TO NON-NATURAL SURFACES?

It is unlikely due to the formulation process, but we always recommend performing a test in a small and inconspicuous area if apprehensive.

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## WHAT IS THE BEST TIME OF THE DAY TO APPLY DUST TO DUST?

Apply Dust to Dust indoors any time of the day or directly onto active insects. Apply it outdoors and into insect nests in the morning and evenings when it is coolest outside. Stinging insects like wasps are less active in the mornings and evenings.

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## HOW LONG WILL DUST TO DUST LAST?

Dust to Dust will last up to 6 months depending upon various factors including: foot traffic, weather conditions, temperature and light. We recommend storing Dust to Dust in a cool, dark place, out of direct sunlight. Make sure the cap is sealed tightly to preserve the freshness.

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## CAN I APPLY DUST TO DUST DIRECTLY TO MY PETS' BED?

Yes, Dust to Dust can be applied to your pets' bed. We recommend a light application and to work Dust to Dust into the fabric.

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## CAN I APPLY DUST TO DUST DIRECTLY ON MY PET?

We don't recommend applying Dust to Dust directly onto your pet because the product contains essential oils and silica that could potentially irritate your dog's skin. If you do apply Dust to Dust on your pet, please use caution and monitor your pet.

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## IS DUST TO DUST SAFE FOR MY PET TO EAT?

Dust to Dust is not intended to be ingested by animals or humans. If ingested by your pet, please consult your primary veterinarian. If you are specifically looking for a food additive, we recommend using food-grade diatomaceous earth.

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## WHAT'S THE MAJOR DIFFERENCE BETWEEN DUST TO DUST AND FOOD-GRADE DIATOMACEOUS EARTH?

Food-grade diatomaceous earth is regulated by the FDA to be consumed for perceived health benefits. Our product is not intended for consumption but rather to protect your home, which is why we are not subjected to FDA regulation. Our product also contains essential oils to enhance its performance but again, we would not recommend consuming them. Dust to Dust is a FIFRA (25)B exempt product and is approved to be in homes, and around crops and animals. We stand by our product being safe as directed for you and all you love in your home.



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