

bugmd™

ESSENTIAL PEST CONTROL CONCENTRATE INSTRUCTION MANUAL



GENERAL

Please read these instructions carefully before using the BugMD Essential Pest Control Concentrate. Keep these instructions for future reference.

ESSENTIAL PEST CONTROL CONCENTRATE

No Patience For Pests!

Thank you for purchasing BugMD Essential Pest Control! Your non-toxic and eco-friendly pest protection begins today.

BugMD Essential Pest Control is a plant powered, essential oil-based, pest control solution that effectively eliminates unwanted pests from inside and outside your home. It contains no formaldehyde or synthetic chemicals and is safe to use around children and pets. It also has a proven Quick-Kill formula that immediately works on pests upon contact and can work even on pests that have resistance to other products in the market.

INGREDIENT LIST:

BugMD Essential Pest Control only uses plant-based active ingredients for our solution, which have been proven highly effective for eliminating pests while being generally safe for humans and pets at the same time.

ACTIVE INGREDIENTS:

Clove Oil	0.5%	*Distilled Water, Soap, Glycerin, Myristic Acid, Potassium Oleate, and Potassium Stearate
Cottonseed Oil	0.5%	
Inert Ingredients*	99%	
Total	100%	

HOW TO USE BUGMD ESSENTIAL PEST CONTROL CONCENTRATE:

Essential Pest Control comes in a ready to use spray bottle and a 4oz. refill concentrate that is meant to be diluted with water at home into the "forever" spray bottle. This removes the need to buy a new spray bottle each time, saving you money and allowing you to help the environment by reducing plastic garbage production. Diluting our concentrate formula at home also gives you the benefit of adjusting your solution depending on your treatment plan and application needs. This makes the BugMD Essential Pest Control a versatile and all-around budget and eco-friendly product!

HOW TO DILUTE YOUR FORMULA:

To dilute the BugMD Essential Pest Control Concentrate, mix 1 full concentrate bottle with 27oz. of cold water in your Forever Spray Bottle.

NOTE: Our Pest Control Reusable Spray Bottle is intended to lessen plastic waste. Once you've used up the spray solution, you may repurchase our refill concentrates and utilize your spray bottle over and over again.

HOW TO TREAT WITH YOUR BUGMD FORMULA:

The Essential Pest Control formula can be used in two ways: (1) as a direct spray solution that works immediately upon contact with pests, or (2) as a potent concentrated formula that can be used as an additive or as a spot treatment for infestations.

SPRAY SOLUTION

I. INDOOR

A. TO USE AS BEDDING TREATMENT FOR BED BUGS, TICKS, FLEAS AND MITES:

1. Throw away all unneeded items and organize remaining items to limit pest hiding spots.
2. Thoroughly vacuum furniture, flooring, bed frames, mattresses, box springs, baseboards, curtains, and any other reachable areas.
3. For suitable fabrics, clean all bedding, clothes, curtains, dressings, sheets, pillowcases, pillows, bed skirting, and other washables. Separate cleaned items from uncleaned items.
4. If possible, steam fabric and furniture that cannot be washed or dry-cleaned. Seal vacuum bag contents and immediately remove from the dwelling.
5. Spray and apply the product to wet any pests that are visible, such as along all tufts and edge of mattresses and box springs.
6. Treat any cracks and crevices around areas where pests have been seen.
7. Properly treat all beds in the dwelling, including pet beds and pet resting areas, nearby cracks/crevices, and baseboards.
8. Do not come in contact with treated areas until spray has completely dried. It may be beneficial to either cover the mattress and box springs with a blocking encasement immediately after treatment dries, or replace the mattresses and box springs.
9. Simultaneously wash/dry-clean or replace all sheets, bedding, and clothing suspected of harboring pests.
10. Treat wall voids particularly if the walls are joined with other dwellings.
11. When traveling, isolate and treat the luggage before bringing into the dwelling.

B. TO USE AS FLEA AND TICK KILLER FOR PET CARRIERS, BEDDING, KENNELS, AND TOYS:

1. Spray surfaces until wet from a distance of 6-8 inches.
2. Allow to air dry or wipe dry with a cloth or paper towel.
3. If bedding can be washed, use the highest heat possible. Dry normally, adding 30 minutes to time.

C. TO USE AS ROACH AND ANT TREATMENT FOR PANTRIES, CUP BOARDS, AND CLOSETS:

1. Before applying product to pantry, cupboards, cabinets, or closets, remove items to allow the best access and prevent treating non-target items.
2. Spray surfaces to be treated from a distance of 8-12 inches, directly spraying ants or roaches. Use 2-4 trigger sprayer pumps, depending upon pest pressure, and thoroughly wet pests, but not to the point of saturation/runoff. Repeat as necessary.

D. TO USE AS SPIDER TREATMENT:

1. Spray surfaces to be treated from a distance of 8-12 inches, directly spraying pests.
2. Spray areas where spiders are found or may hide, including dark corners of rooms and closets; cracks and crevices in walls; along baseboards and door and window frames; behind and beneath sinks, stoves, refrigerators, and cabinets; around garbage cans; and around plumbing and other utility installations.
3. Directly spray pests, including those driven out of hiding places.

E. TO USE AS FLY, MOSQUITO, AND MOTH TREATMENT:

1. Cover exposed food and utensils before spraying.
2. Close all doors and windows and direct spray upward into the room's center using a slow, sweeping motion.
3. Spray approximately 5-10 seconds for an average room. Keep the room closed for 15 minutes after spraying and thoroughly ventilate the room prior to reentry.
4. Sweep up and throw away fallen insects.

II. TOPICAL

A. TO USE AS FLEA AND TICK KILLER SPRAY FOR DOGS:

1. Hold the spray nozzle approximately 8-12 inches from the dog.
2. Start by spraying at the tail and work toward the torso. Treat the dog's entire coat including legs, tail and underbody, fluffing the hair backwards to help the spray penetrate through the coat down to the skin.
3. Do not spray on open wounds, abrasions, genitalia, face, or in eyes or mouth.
4. Do not use on dogs under 12 weeks old. Repeat as necessary to control the infestation.
5. Pets may be treated indoors or outdoors. To help reduce the occurrence of fleas and ticks, year-round use of this product is recommended.

B. TO USE AS FLEA AND TICK KILLER SPRAY FOR CATS:

1. Hold the spray nozzle approximately 8-12 inches from the cat.
2. Start by spraying at the tail and work toward the torso. Treat the cat's entire coat including legs, tail, and underbody, fluffing the hair backward to help the spray penetrate through the coat down to the skin.
3. Do not spray on open wounds, abrasions, genitalia, face, or in eyes or mouth.
4. Do not use on cats under 12 weeks old. Repeat as necessary to control the infestation.
5. Pets may be treated indoors or outdoors. To help reduce the occurrence of fleas and ticks, year-round use of this product is recommended.

C. TO USE AS EAR MITE TREATMENT ON CATS AND DOGS:

1. Apply 1/2 ounce per ear. Reapply 2 and 4 days after initial treatment.
2. BugMD Essential Pest Control eradicates ear mites and significantly reduces crust within one week after the initial application.

III. OUTDOOR

For full lawns and home exteriors, it may be necessary to make additional formula depending on the size of your space to ensure complete coverage. For a large backyard treatment, we recommend 3-4 bottles of the Essential Pest Control Concentrate.

A. TO USE AS LAWN TREATMENT FOR FLEAS, TICKS, AND MITES:

1. Mow your lawn a day or two before spraying.
2. Spray in a slow, even sweeping motion, and be sure to cover the entire lawn surface where your pet normally goes.
3. Spray under trees and ornamentals but avoid soaking young or flowering plants. Repeat as necessary.

B. TO USE AS TREATMENT AROUND HOME PERIMETER:

1. Before applying to the outside perimeter of a structure, rake back mulch, debris, and leaf litter to expose the ground (nesting areas).
2. Directly spray pests, focusing your efforts on at least a 12" band along the entire perimeter. Pay close attention to the base of the foundation (the crack where the soil dries and pulls away from the foundation). This expansion crack is a key harborage and traveling location for many pest species.
3. To reduce pests' access into structures, cut back vegetation and branches that touch the foundation and minimize any rocks, wood piles, and other potential harborages that are close to, or against the building.
4. Also spray around window and door frames, vents, utility lines entering the structure and along the eaves. Repeat as necessary.

C. TO USE AS ANT INFESTATION TREATMENT:

1. Use outdoors in lawns and in areas around flower gardens, flower beds, mulch beds, perimeter areas of structures, foundations, fence lines, and other areas where ants are observed.
2. Directly spray ants until wet.
3. For best results, apply during the morning or late evening during cooler weather (65°-80°F) when ants are most active.

D. TO USE AS ANT MOUND TREATMENT:

1. Use a stick to disturb the mound, making ants appear on the mound surface.
2. Spray ants until wet.
3. Before applying to outside perimeters of structures, rake back mulch, debris, and leaf litter to expose ground nesting areas.

E. TO USE AS ORNAMENTAL AND EDIBLE PLANT PEST TREATMENT:

1. Some plants, particularly very small seedlings and some sensitive plant species, can be damaged by the ingredients in this product. Be sure to test a few leaves 2-3 days before spraying the entire plant.
2. Do not use it on plants if leaf burn or spotting is noticeable. Do not spray newly developing blooms, buds, or seedlings.
3. For minimal leaf burn, apply product when it is cooler (mornings and evenings) and avoid applying during hot (above 90°F) days.
4. For best results, apply the product to pests as soon as you are aware of them to catch the population early in the season.
5. Hold spray 6-8 inches from the target surface. Thoroughly apply the product to both upper and lower leaf surfaces, stems, and branches until uniformly wet, but not to the point of runoff. Harder to control pests may require additional treatments. Repeat as necessary.

F. TO USE AS STINK BUG SPRAY TREATMENT:

1. Spray surfaces to be treated from a distance of 8-12 inches, directly spraying stink bugs.
2. Use 2-4 sprayer pumps, depending upon pest pressure, and thoroughly wet pests, but not to the point of saturation/runoff.
3. Directly contact insects on structures, in cracks and crevices and in plant/flower beds.
4. For best results apply every 3-4 weeks, or more frequently depending upon pest pressure.

CONCENTRATE SOLUTION

You can also utilize the concentrate as a treatment on its own (before dilution):

I. INDOOR

A. TO USE AS A LAUNDRY ADDITIVE TO TREAT BED BUGS, TICKS, FLEAS, AND MITES:

1. As a laundry additive to kill pests, add 1-2 capfuls of the Essential Pest Control Concentrate to your normal laundry detergent when washing clothes, bedding, sheets, etc.
2. Use the hottest water possible as appropriate for the fabrics being washed and dry normally, adding an extra 30 minutes using the "High" setting, if possible.
3. After washing/drying, store clean articles only in places that have been thoroughly cleaned, vacuumed, and treated with a BugMD Essential Pest Control solution.

B. TO USE AS CARPET TREATMENT FOR BED BUGS, TICKS, FLEAS AND MITES:

1. Vacuum your carpet or rug thoroughly.
2. Before using the Essential Pest Control to treat carpets for pests, perform a colorfastness test first in an inconspicuous area and wait for it to dry. If any color changes occur, discontinue use.
3. For rental or commercial deep cleaning machines, thoroughly rinse the machine before use. Use 5 oz. of concentrated solution per gallon of warm water, or follow the machine manufacturer's instructions in washing.
4. For home-owned uprights or deep cleaning canister machines, use 5 oz. per gallon of warm water or follow the machine manufacturer's instructions.
5. For handheld or cordless deep cleaning machines, follow the machine manufacturer's instructions.
6. **AFTER CLEANING:** To prevent furniture from staining carpeting, place plastic or cardboard under the legs of furniture. Allow the cleaned area to dry and then vacuum thoroughly. Keep pets and children off carpet and upholstery until dry.

OTHER TREATMENT NOTICE:

- BugMD's Essential Pest Control solution is highly effective in eradicating pests, no matter where they are in their lifecycle: from eggs, larvae, to full-grown insects. Our potent formula has also been shown to work even on insects with resistance to other products.
- It is proven effective in eliminating flies that are resistant to Pyrethrum.
- It is effective in killing large fire ant mounds and is proven to completely kill Fire Ants in 3 days.
- Proven Contact Kill on ants, bed bugs, fleas, mites, roaches, ticks, bottle flies, flesh flies, horn flies, house flies, stable flies, mosquitoes, and moths. It also kills on contact with plant pests such as aphids, armyworms, beetles, loopers, and whiteflies.
- Formula is effective on ants, aphids, beetles, boxelder bugs, earwigs, flies, hornets, mites, mosquitoes, moths, silverfish, ticks, wasps, and whiteflies.
- BugMD Essential Pest Control is safe for garden use as it is also proven effective against plant pests. It can be used with all plant types such as edible and ornamental plants.
- BugMD Essential Pest Control is a "kill on contact" solution. It doesn't work as a repellent against insects and pests. However, it will work to eliminate pests that you already have in or outside of your home.
- You may use the Essential Pest Control solution directly for your bedding and clothes. We recommend spraying only a light mist and doing a fabric test before treatment to see how the material will react to the solution.
- Fleas can easily get into your home by attaching to your shoes and clothes. They can also transfer from neighborhood pets and even from feral animals that visit your yard. That is why it is best to use the Essential Pest Control at the very first signs of pests to avoid infestation.

BUGMD ESSENTIAL PEST CONTROL CONCENTRATE

Works on many different species of insects including:

- Ants (Argentine, Pharaoh, Red Imported Fire)
- Aphids (Green Peach)
- Armyworms (Beet)
- Bed Bugs
- Beetles (Asian Lady, Black Carpet, Cigarette, Colorado Potato, Spotted Cucumber)
- Boxelder Bugs
- Cat Fleas (Adult/Larvae)
- Cockroaches (American, German, Oriental, Smokey Brown)
- Earwigs (European)
- Flies (Blue Bottle, Flesh, Horn, House, Stable)
- Hornets (Bald Faced)
- Loopers (Cabbage, Soybean)
- Mites (House Dust, Poultry)
- Mosquito
- Moths (Clothes, Diamondback)
- Silverfish
- Spiders (House)
- Stink Bugs (Brown Mark)
- Ticks (Brown Dog)
- Wasps (Yellow Jacket)
- Whiteflies (Silverleaf)

PRECAUTIONARY STATEMENTS

WARNING: May cause allergic skin reaction.



Prevention: Avoid breathing mist/vapors/spray. Wear protective gloves.

Response: If on Skin: Wash with plenty of soap and water. If irritation or rash occurs, get medical advice/attention. Wash contaminated clothing before reuse. If irritation persists, call a physician or Poison Control at 1-800-222-1222 for emergency medical treatment information.

Storage and Disposal: Keep away from children and pets. Store in original, tightly closed container in a cool, dry, area. Non-refillable container; do not reuse or refill this container. Recycle empty containers, or discard in trash.

SAFETY WARNING

- Avoid breathing mist/vapors/spray.
- If the solution comes in contact with the skin, wash with plenty of soap and water.
- If skin irritation or rash occurs, seek immediate medical advice/attention.
- Dispose of contents/container to an approved waste disposal plant.
- Repeated or prolonged skin contact may cause allergic reactions to susceptible persons.
- Essential Pest Control is made with 98% non-toxic and human-grade ingredients.
- Minimal ingestion will not harm pets, however, we recommend keeping them from ingesting the solution as it contains clove seed oil which can be harmful to cats and dogs when taken orally in extremely large amounts.
- Our products are made from essential oils so it should be safe for expecting women. If you have pressing concerns regarding sensitivities or allergic reactions while pregnant, it is always best to consult a healthcare provider for professional advice.

FIRST AID TREATMENT

Eye Contact: Thoroughly rinse with plenty of water and under the eyelids.

If symptoms persist, call a physician.

Skin Contact: Wash with soap and water. May cause an allergic skin reaction. In the case of skin irritation or allergic reaction, see a physician.

Inhalation: Move the person to a location with fresh air.

Ingestion: Immediately rinse mouth and drink plenty of water. Do not give anything by mouth to an unconscious person.

Important Symptoms and Effects: Itching, rashes, hives.

This product has not been registered by the United States Environmental Protection Agency. BugMD represents that this product qualifies for exemption from registration under FIFRA Sec. 25(b).



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