

DiaMateTM



DiaMateTM

(technical grade sodium bisulfate) is for use in organic poultry production in combination with DIAFIL[®] 610B, an EPA, FIFRA and OMRI-approved product, as a carrier to aid in mechanical spreading, or sequentially as a deliquescent salt to aid in adherence to target surfaces. Diafil[®] 610B and DiaMate are to be used together for optimal effectiveness*.



*per EPA approved definition, February 29, 2024



888-858-4425

DIRECTIONS FOR USE

DiaMate is for use in and around organic livestock and poultry operations and may be applied over the top of animals, when present. DIAFIL[®] 610B is intended for use to control insect pests and mites, and is to be applied using commercially available hand dusters, power dusters or other suitable means for application to areas where insect pests are found, including:

- Poultry houses
- Swine houses
- Livestock structures
- Cattle barns
- Calf hutches
- Loading barns
- Horse stables
- Pet kennels

All other treatments are prohibited. Apply uniformly to infested areas of walls and floors, cracks, crevices, bedding, wall voids and around window and door frames. Applications are permitted when animals are present and may be used over the top of animals. Applications are permitted mid-flock while birds are present, over the top of the birds. Litter should be retreated when replaced and before each new batch of poultry is introduced to the facility.

No use restrictions on DiaMate. DIAFIL[®] 610B Use Restrictions: DO NOT apply directly to animal feed or watering equipment.

LITTER TREATMENT APPLICATION RATES

DiaMate can be applied in poultry and livestock housing structures **in conjunction with or directly before or after Diafil[®] 610B** using a fertilizer spreader. Apply DiaMate at a rate of **50 to 200 lbs./1,000 sq. ft.** depending on the amount of the litter.

Apply **Diafil[®] 610B** at a rate of **6 to 12lbs/1,000 sq. ft.** over litter to the areas typically high in darkling beetle infestation, such as areas next to sidewalls and underneath feed and watering equipment lines. Application rates up to **75 lbs./1,000 sq. ft.** can be used for severe infestations. If litter depth is greater than 3 inches, apply up to an additional **2.5 lbs./1,000 sq. ft.** per additional inch of litter.

PACKAGING OPTIONS

DIAFIL[®] 610B – 50 lb. bags

DiaMate[™] - 50 lb. bags, 2,000 lb super sacks

**** NOTE: BOTH PRODUCTS WILL BE SHIPPED IN THE MINIMUM RATIO (DE as 6% of total) DESCRIBED IN THE EPA LABEL RECOMMENDATIONS.** For example, a truckload quantity would ship 40,000 lbs. of DiaMate and 2,400 lbs. of DIAFIL 610B in the same shipment, invoiced together on separate line items.

Background of this Technical Grade Sodium Bisulfate

Sodium bisulfate is included on the U.S. Environmental Protection Agency (EPA) Inert Pesticide Ingredients List 4B from the Office of Pesticide Programs (7681-38-1 Sodium bisulfate).

The EPA List 4 – Inerts of Minimal Concern, identifies ingredients for which the EPA has sufficient information to reasonably conclude that the current use pattern in pesticide products will not adversely affect public health or the environment.

7 CFR 205.603(e)

Synthetic inert ingredients as classified by the Environmental Protection Agency (EPA) are intended for use with non-synthetic substances or synthetic substances listed in this section and used as a **Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA)** Approved active pesticide ingredient in accordance with any limitations on the use of such substances.¹

¹Clarified in NOP Directive 5008 in 2011 & 2018