



U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs

Registration Division (7505T)

1200 Pennsylvania Ave., N.W.

Washington, D.C. 20460

NOTICE OF PESTICIDE:

☒ Registration

☐ Reregistration

(under FIFRA, as amended)

EPA Reg. Number:

33907-5

Date of Issuance:

6/3/25

Term of Issuance:

Unconditional

Name of Pesticide Product:

DiaMate +

Name and Address of Registrant (include ZIP Code):

Jeremy D. Malone
Regulatory Consultant for
Jones-Hamilton Company
c/o Spring Regulatory Sciences
6620 Cypresswood Drive, Suite 250
Spring, TX 77379

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above-named pesticide is hereby registered under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA).

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is unconditionally registered in accordance with FIFRA section 3(c)(5) provided that you:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product when the Agency requires all registrants of similar products to submit such data.
2. Make the following label changes before you release the product for shipment:
 - Revise the EPA Registration Number to read, "EPA Reg. No. 33907-5."

Continues page 2

Signature of Approving Official:

Tamica L. Cain, Product Manager 10
Invertebrate-Vertebrate Branch 2
Registration Division (7505T)

Date:

6/3/25

3. Submit one copy of the final printed label for the record before you release the product for shipment.

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 FIFRA 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) lists 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. 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.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records.

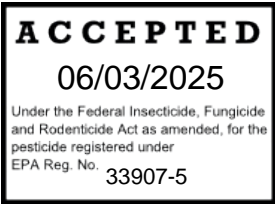
The record for this product currently contains the following CSF:

- Basic CSF dated 8/8/24

If you have any questions, please contact Carmen Rodia via e-mail at Rodia.Carmen@epa.gov.

Enclosures: Stamped "Accepted" Master Label, dated 6/3/25

{Note to reviewer: [Text] in brackets denotes optional language}
{Note to reviewer: {Text} in braces denotes notes to reviewer}
{Front Panel Start}
{EPA Master Label version date 6/02/2025}



Silicon Dioxide	GROUP	UNM	INSECTICIDE
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DiaMate +

INSECTICIDE USED IN POULTRY AND LIVESTOCK PRODUCTION

Effective and long lasting when kept dry

Kills the following listed insects: [Darkling Beetle (lesser mealworm)], [Mealworms], [Hide Beetles]

ACTIVE INGREDIENT:

Diatomaceous Earth, chemical composition consisting of silicon dioxide.....	5.1%
OTHER INGREDIENTS:	94.9%
Total	100.0%

Contains 0.59 lb. of silicon dioxide per gallon of formulated product.

KEEP OUT OF REACH OF CHILDREN
DANGER / PELIGRO

POISON



Si usted no entiende la etiqueta busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

See additional Precautionary Statements on[back panel][side panel][other panel]

{Note to reviewer: First Aid will be shown on front panel of final printed label and may be in table or list format}

FIRST AID	
If on skin or clothing	<ul style="list-style-type: none">• Take off contaminated clothing.• Rinse skin immediately with plenty of water for 15-20 minutes.• Call a poison control center or doctor for treatment advice.
If in eyes	<ul style="list-style-type: none">• Hold eye open and rinse slowly and gently with water for 15-20 minutes.• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.• Call a poison control center or doctor for treatment advice
If swallowed	<ul style="list-style-type: none">• Call a poison control center or doctor immediately for treatment advice.• Have person sip a glass of water if able to swallow.• Do not induce vomiting unless told to do so by a poison control center or doctor.• Do not give anything by mouth to an unconscious person

If inhaled	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. • Call a poison control center or doctor for treatment advice.
Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage.	
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For medical emergencies, call the poison control center at 1-800-222-1222. For general information on this product, contact the National Pesticides Information Center (NPIC) at 1-800-858-7378, Monday through Friday, 8 AM to 12 PM PST, or at http://npic.orst.edu .	
FOR CHEMICAL EMERGENCY: Spill, leak, fire, exposure or accident, call CHEMTREC 1-800-424-9300.	

Net Weight:_____ [lbs.][kg] [Density: ____]

{End Front Panel}

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER: Corrosive. Causes irreversible eye damage and skin burns. Fatal if absorbed through the skin. Harmful if swallowed. Do not get in eyes, on skin, or on clothing. Wash hands 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.

Personal Protective Equipment (PPE)

Mixers, loaders, applicators and other handlers must wear the following:

- Coveralls over long-sleeved shirt and long pants;
- Socks and chemical-resistant footwear
- Chemical-resistant gloves made of any waterproof material; and
- Wear protective eyewear (goggles, face shield, or safety glasses)

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

Follow the manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

User Safety Recommendations

Users should:

- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS STATEMENT

For terrestrial uses: Do not apply to water, or to areas where surface water is present or to intertidal areas below the mean water mark. Do not contaminate water when disposing of equipment washwater or rinsate.

DIRECTIONS FOR USE

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

USE RESTRICTIONS

- Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.
- Do not apply directly to animal feed or watering equipment.
- For any requirements specific to your State or Tribe, consult the State or Tribal agency responsible for pesticide regulation.

Agricultural Use Requirements

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

For early entry into treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, wear:

- Coveralls over long-sleeved shirt and long pants; Socks and chemical-resistant footwear;
- Chemical-resistant gloves made of any waterproof material; and
- Wear protective eye wear (goggles, face shield, or safety glasses)

PRODUCT INFORMATION

This product is a ready-to-use insecticide which provides effective control against listed crawling insect pests and plant parasitic mites. DiaMate + is a mechanical insect killer. When applied, contact with an insect pest or mite results in the static transfer of a few particles of DiaMate + which absorb the protective lipid layer necessary for their survival. As a result, the insect will desiccate. Listed insect pests and mites will not become immune to DiaMate +'s mode of action. Insect pests that come in contact or ingest this powder will die within 48 hours.

APPLICATION

This product is for use in and around livestock and poultry houses and may be applied over the top while animals are present. DiaMate + is for application using commercially available rotary spreader, hand dusters, power dusters or other suitable means for application to areas where insect pests are found.

POULTRY AND LIVESTOCK

For use in and around Poultry and Livestock housing structures, swine houses, cattle barns, calf hutches, loafing barns, and horse stables to control insect pests and mites. 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.

Use Restriction: Do not apply directly to animal feed or watering equipment.

Litter Treatment:

Apply the DiaMate + at a rate of 50-200 lbs. per 1,000 square feet over the litter, to the areas typically high in darkling beetle infestation, such as areas next to sidewalls and underneath feed and watering equipment lines. Applications can be made up to 200 lbs per 1,000 square feet for severe infestations. If litter is greater than 3 inches deep, apply up to an additional 2.5 lbs per 1,000 square feet per additional inch of litter. Litter should be retreated when replaced and before each new batch of poultry is introduced to the facility.

Chicken Broiler Houses and Turkey Grow Out houses

Pests	Application Instructions:
Darkling Beetle (lesser mealworm) Mealworms Hide Beetles Plant Parasitic Mites	Apply 1,000-4,000 lbs of DiaMate + per 20,000 square foot house under feed and waterlines, and perimeter boundary using a rotary spreader, drop spreader or hand shaker .
Use Restrictions: Minimum Application Rate: 50 lbs DiaMate + per 1,000 square feet. Maximum Single Application Rate: 200 lbs DiaMate + per 1,000 square feet. Maximum Annual Application Rate: 2,000 lbs DiaMate + per 1,000 square feet. [102 lbs Silicon Dioxide]	

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Keep this product in its tightly closed original container. Store in a cool, dry (preferably locked) area that is inaccessible to children and animals. **DO NOT** store dry product where exposed to moist conditions.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product must be disposed o on site or at an approved waste disposal facility. **DO NOT MIX** dry or concentrated solutions of chlorine bleach, ammonia cleansers or similar products.

CONTAINER HANDLING: Nonrefillable container. Do not reuse or refill this container. **If empty:** offer for recycling if available or discard in a sanitary landfill. **If partially filled:** call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

WARRANTY

Jones-Hamilton Co., warrant that this product conforms to the chemical description on the label. Jones-Hamilton Co., neither makes nor authorizes any agent or representative to make any other warranty of fitness or of merchantability, guarantee or representation, express or implied, concerning this material. Jones-Hamilton Co.'s maximum liability for breach of this warranty shall not exceed the purchase price of this product. To the extent permitted by applicable law, buyer and user acknowledge and assume all risks and liabilities resulting from the handling, storage and use of this material.

EPA Reg. No.: 33907-5

EPA Establishment No.: xxxxx-xx-x

Lot No.[Batch No.]: XXX

Manufactured in U.S.A. by:
JONES-HAMILTON CO.

30354 Tracy Road
Walbridge, OH 43465
419-666-9838

{The following Optional marketing statements below may appear anywhere on the final printed label}

[For use in organic production]

[For organic production]

[Can be used in organic production]

[Controls listed insects pests and Plant Parasitic Mites]

[Diatomaceous Earth based mechanical insecticide]

[Complementary Active to many integrated pest management programs]

[Broad Spectrum Mechanical Insecticide]

[Providing a physical mode of action]

[DiaMate + is a mechanical insecticide that provides a physical mode of action.]

[SUITABLE FOR USE TO CONTROL LISTED INSECT PESTS AND PLANT PARASITIC MITES]

{The following Optional graphics may appear on the Front Panel or elsewhere on the master label}

