

# Diacon-D

IGR

- **AN INSECT GROWTH REGULATOR TO CONTROL STORED PRODUCT INSECTS BY BREAKING THE PEST LIFE CYCLE AND PREVENTING LARVAE FROM MATURING INTO ADULTS**
- APPROVED FOR USE ON ALL GRAINS, SPICES, FEEDS, AND SEEDS, INCLUDING COMMODITIES FOR HUMAN AND ANIMAL CONSUMPTION
- VERSATILE APPLICATION INCLUDES – DIRECT TO GRAIN, TOP-DRESS, MIXING INTO ANIMAL FEEDS, OR EMPTY PREMISE TREATMENTS

## SPECIMEN LABEL

### ACTIVE INGREDIENT:

(S)-Methoprene (CAS# 65733-16-6)..... 0.8%

**OTHER INGREDIENTS:\*** .....99.2%

TOTAL ..... 100.0%

EPA Reg. No. 2724-788

EPA Est. No. 2724-TX-1

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

See additional Precautions

### PRECAUTIONARY STATEMENTS – HAZARDS TO HUMANS & DOMESTIC ANIMALS CAUTION

Harmful if inhaled or absorbed through the skin. Causes moderate eye irritation. Avoid breathing dust. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove contaminated clothing and wash before reuse. Wear chemical resistant gloves, protective eyewear, and dust mask.

**Personal Protective Equipment (PPE):** Handlers and applicators must wear a dust mask, chemical-resistant gloves, and protective eyewear.

### FIRST AID

**IF INHALED** • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. • Call a poison control center or doctor for treatment advice.

**IF ON SKIN** • 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** • 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 eyes. • Call a poison control center or doctor for treatment advice.

**IF SWALLOWED** • 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 to an unconscious person.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-248-7763 for emergency medical treatment information.

### ENVIRONMENTAL HAZARDS

Do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwater or rinsate.

### GENERAL INFORMATION

**DIACON®-D IGR** is a ready-to-use formulation that can either be applied to commodities and feed prior to storage, top-dressed to commodities already stored, or used as an empty premise treatment for areas where commodities will be stored. The residual activity of **DIACON®-D IGR** prevents the emergence of stored product insects during storage of commodities/feed. (S)-Methoprene, the active ingredient in **DIACON®-D IGR** protects the stored commodity from damaging insects by interfering with the normal process of insect development. Unlike traditional pesticides, **DIACON®-D IGR** is not an adulticide, but its residual activity prevents the development of larval insects into viable reproducing adults. **DIACON®-D IGR**, when used according to the label directions, prevents adult emergence and subsequent new generations of insects. **DIACON®-D IGR** is effective against

insect pests, such as: almond moth, Indian meal moth, lesser grain borer, sawtooth grain beetle, merchant grain beetle, red and confused flour beetle, and other insect pests that are affected by Insect Growth Regulators (IGR's). If the commodity is known to be infested when it is initially being placed into storage, fumigate the commodity to eliminate the existing insect populations following filling of bins or other storage facilities. Then apply **DIACON®-D IGR** for residual protection.

Apply **DIACON®-D IGR** to any food commodity (including but not limited to: cereal grains, corn, sunflower, canola, legumes, popcorn, wheat, spices, sorghum, rice, cocoa, peanuts, oats, millet and processed foods readied for packing) for control of insect larvae. **DIACON®-D IGR** may also be used to treat bulk or bagged pet food, livestock feed, birdseed, or any other animal feed. **DIACON®-D IGR** may be applied to any seed stock. Treated commodities may be processed immediately. **Applications of DIACON®-D IGR to finished animal feeds, birdseed or other finished products DO NOT require package labeling since the application is made to control pests in the package and no other claims are made on the final package.**

### DIRECTIONS FOR USE

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

### DIRECTIONS FOR TREATMENT OF COMMODITIES PRIOR TO STORAGE

For protection of stored food, grain, animal feed, seeds used for oil, and seed stock against stored product insects - for optimum results, thoroughly clean and treat storage areas prior to storing commodities. **DIACON®-D IGR** may be used in conjunction with aeration.

Wearing a dust mask and protective gloves, apply **DIACON®-D IGR** to grain or other commodities as they are being loaded or turned into storage facilities. Apply 8-10 pounds of **DIACON®-D IGR** per 1000 bushels of commodity. Apply the dust as uniformly as possible to the commodity stream to assure even coverage. Apply in such a manner to reduce the potential of the product blowing off target in windy conditions. The higher application rate will provide longer residual.

### DIRECTIONS FOR TOP-DRESS TREATMENT OF STORED GRAIN

Use **DIACON®-D IGR** as a top-dressing application for commodities which were previously stored in bins or other storage areas. To apply as a top-dressing; wearing a dust mask and protective gloves, uniformly apply the **DIACON®-D IGR** over the commodity's surface. Dust the bin headspace paying particular attention to the top of the commodity mass, beams, ceilings, and rafters. Use equipment capable of applying a uniform layer of **DIACON®-D IGR**. Thorough coverage is essential.

As a top-dressing application, apply 8 pounds of **DIACON®-D IGR** per 1000 ft<sup>2</sup> of commodity surface area. Raking the top layer will enhance protection from invading insects infesting the top surfaces of the commodity. When raking commodity surface, rake to a depth of 1 foot.

### DIRECTIONS FOR MIXING INTO ANIMAL FEEDS

**DIACON®-D IGR** is suitable to be used in the production of bulk or bagged animal feeds (including but not limited to: pet food, livestock feed, birdseed, and all other animal feeds). Wearing a dust mask and protective gloves, add **DIACON®-D IGR** to achieve a thorough mix within the feed. Apply 0.33 pounds (150 gms) – 0.26 pounds (126 gms) per ton of animal feed and mix to ensure uniformity. Treated feeds may be fed immediately with no withdrawal required.

### DIRECTIONS FOR EMPTY BIN, WALL VOID, CRACK AND CREVICE TREATMENT

Use **DIACON®-D IGR** to treat bins, warehouses, mills, food processing and packaging facilities, feed mills, and other areas where stored product pests may harborage. For applications to hard surfaces within these sites, wearing a dust mask and protective gloves, apply **DIACON®-D IGR** at a rate of 1.5 oz (45 grams) per 1000 ft<sup>2</sup> of surface area. Pay particular attention to cracks, crevices, and voids where food commodities can accumulate and attract pests. Use a bulb duster or other suitable equipment to apply the material.

### STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal. **Storage** - Store in a cool, dry place. **Pesticide Disposal** - Wastes resulting from use of this product may be disposed of on site or at an approved waste disposal facility. **Container Disposal** – Nonrefillable container. Do not reuse or refill this container. Completely empty bag into application equipment. Then dispose of empty bag and container in a sanitary landfill, or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

### WARRANTY AND CONDITIONS OF SALE

To the fullest extent permitted by law, Seller makes no warranty, expressed or implied, concerning the use and handling of this product other than indicated on the label. Buyer assumes all risks of use and handling of this material when such use and handling are contrary to label instructions.

For information or in case of an emergency, call 1-800-248-7763.

[www.bugfreegrains.com](http://www.bugfreegrains.com)

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