



AUD-AD-140-1981

رقم التسجيل :

31-05-2022

التاريخ :

قطاع التنوع الغذائي

إدارة التنمية والصحة الزراعية

شهادة تسجيل مبيد حيوي

مبيد آفات صحة عامة (حشري)

تشهد وزارة التغير المناخي والبيئة بأن المبيد بالمواصفات التالية

الاسم التجاري للمبيد : VectoBac WDG Biological Larvicide

بلد التسجيل : الولايات المتحدة الأمريكية

المواد الفعالة وتركيزها : %Bacillus thuringiensis 37.4

CAS RN : 68038-71-1

صورة المستحضر : Water Dispersible Granules

حجم العبوة : 1000,500,250 جرام

بلد (التسجيل/المنشأ) والشركة المنتجة : Valent BioSciences - الولايات المتحدة الأمريكية

الشركة المحلية المستوردة : Agricultural Materials Co, LTD - WLL Corporation

تاريخ إصدار الشهادة : 31-05-2022 صالحة حتى : 13-06-2027

ملاحظات : لا يوجد

وجد مطابقا لنظام تسجيل المبيدات المتبع لديها وقد أعطيت له هذه الشهادة بناء على ذلك.

ملاحظات :

- يعاد تقييم المبيد كل خمس سنوات حتى يتم تجديد هذه الشهادة بعد ذلك.
- تلغى هذه الشهادة في حالة شطب أو سحب المبيد من قبل المنظمات والهيئات العالمية المختصة في تسجيل المبيد أو ثبت للوزارة تدهور المبيد أثناء فترة صلاحيته تحت الظروف البيئية للدولة أو ثبت أن لديه آثار جانبية ضارة

سددت الرسوم 3063.06 درهم

رقم إيصال الشهادة : 21266044301531593286

تاريخ إيصال الشهادة : 06-05-2022

مدير إدارة الشؤون البلدية

رمز التحقق : 202-0053



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VectoBac® G**MSDS# BIO-0057 Rev. 5**

ISSUED 01/02/12

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MATERIAL NAME: **VectoBac® G**

EPA Registration No. 73049-10

MANUFACTURER: Valent BioSciences Corporation
870 Technology Way, Suite 100
Libertyville, Illinois 60048

EMERGENCY TELEPHONE NUMBERS

Emergency Health or Spill:

Outside the United States: 651-632-6184

Within the United States: 877-315-9819

2. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT NAME: *Bacillus thuringiensis*, subsp. *israelensis*

CONCENTRATION: 2.80 %

CAS/RTECS NUMBERS: 68038-71-1 / N/A

OSHA-PEL 8HR TWA: N/L

STEL: N/L

CEILING: N/L

ACGIH-TLV 8HR TWA: N/L

STEL: N/L

CEILING: N/L

OTHER 8HR TWA: N/A

LIMITS STEL: N/A

CEILING: N/A

INGREDIENT NAME: Inert Ingredients - identity withheld as a Trade
Secret

CONCENTRATION: 97.20 %

CAS/RTECS NUMBERS: N/A / N/A

OSHA-PEL 8HR TWA: N/L

STEL: N/L

CEILING: N/L

ACGIH-TLV 8HR TWA: N/L

STEL: N/L

CEILING: N/L

OTHER 8HR TWA: N/A

LIMITS STEL: N/A

CEILING: N/A

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2. COMPOSITION/INFORMATION ON INGREDIENTS, continued

EEC (European Community): N/A

Symbol Designation: N/A

Risk Phrases: N/A

Safety Phrases: N/A

3. HAZARDS INFORMATION

EMERGENCY OVERVIEW: Product is non-toxic by ingestion, skin contact, or inhalation. Direct contact with eyes or skin may cause mild irritation.

ROUTE(S) OF ENTRY: Skin: No

Inhalation: No

Ingestion: No

SKIN CONTACT: Non-irritant

SKIN SENSITIZATION: N/D

EYE CONTACT: Non-irritant

TARGET ORGANS: N/D

CARCINOGENICITY RATING: NTP: N/L IARC: N/L OSHA: N/L ACGIH: N/L
None

SIGNS AND SYMPTOMS: Direct contact with eyes or skin may cause mild irritation.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: N/D.

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4. FIRST AID MEASURES

EYES: Remove from source of exposure. Flush with copious amounts of water. If irritation persists or signs of toxicity occur, seek medical attention. Provide symptomatic/supportive care as necessary.

SKIN: Remove from source of exposure. Flush with copious amounts of water. If irritation persists or signs of toxicity occur, seek medical attention. Provide symptomatic/supportive care as necessary.

INGESTION: Remove from source of exposure. If signs of toxicity occur, seek medical attention. Provide symptomatic/supportive care as necessary.

INHALATION: Remove from source of exposure. If signs of toxicity occur, seek medical attention. Provide symptomatic/supportive care as necessary.

5. FIRE FIGHTING PROCEDURES

FLASH POINT: N/A

FLASH POINT METHOD: N/D

LOWER EXPLOSIVE LIMIT(%): N/D

UPPER EXPLOSIVE LIMIT(%): N/D

AUTOIGNITION TEMPERATURE: N/D

FIRE & EXPLOSION HAZARDS: Non-flammable and no explosive properties.

EXTINGUISHING MEDIA: Use appropriate medium for underlying cause of fire.

FIRE FIGHTING INSTRUCTIONS: Wear protective clothing and self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

SPILL OR RELEASE PROCEDURES: Recover product. Place into appropriate container for disposal. Avoid dust. Ventilate and wash spill area.

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7. HANDLING AND STORAGE

HANDLING: N/D.

STORAGE: Store in a cool, dry place.

SPECIAL PRECAUTIONS: N/A

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Use local exhaust.

RESPIRATORY PROTECTION: Not usually required. However, mixers/loaders and applicators not in enclosed cabs or aircraft must wear a dust/mist respirator meeting NIOSH standards of at least N-95, R-95 or P-95.

SKIN PROTECTION: Impervious gloves, clothing to minimize skin contact.

EYE PROTECTION: Not usually required. If necessary, use safety glasses or goggles.

OTHER PROTECTION: Wash thoroughly with soap and water after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE/PHYSICAL STATE: Granular solid.

ODOR: Mild

BOILING POINT: N/A

MELTING/FREEZING POINT: N/A

VAPOR PRESSURE (mm Hg): N/A

VAPOR DENSITY (Air=1): N/A

EVAPORATION RATE: N/D

BULK DENSITY: 27 ± 4 lb/cu.ft.

SPECIFIC GRAVITY: N/D

SOLUBILITY: N/A

pH: 5.4 ± 1.0 (10% slurry)

VISCOSITY: N/A

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10. STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable

INCOMPATIBILITIES: Alkalinity inactivates product.

HAZARDOUS DECOMPOSITION PRODUCTS: N/D.

HAZARDOUS POLYMERIZATION: Will not occur.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

ORAL LD50: LD50 (rat) > 5,000 mg/kg

DERMAL LD50: LD50 (rabbit) > 5,000 mg/kg

INHALATION LC50: N/D. No lethality was observed in rats after a 4 hour exposure at the highest obtainable inhalation exposure chamber concentration (2.84 mg/l) to VectoBac® Technical Powder.

CORROSIVENESS: N/D. Not expected to have any corrosive properties.

DERMAL IRRITATION: N/D. Transient, slight or mild irritation noted in a dermal toxicity study with VectoBac® Technical Powder.

OCULAR IRRITATION: N/D. VectoBac® Technical Powder was mildly irritating in an eye irritation test in rabbits.

DERMAL SENSITIZATION: N/D

SPECIAL TARGET ORGAN EFFECTS: N/D

CARCINOGENICITY INFORMATION: N/D. None of the components are classified as carcinogens.

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12. ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: N/D

13. DISPOSAL CONSIDERATIONS

Do not contaminate potable water, food or feed by storage or disposal.
Dispose of product in accordance with federal, state, and local regulations.

WASTE DISPOSAL METHODS:

Pesticide Disposal: Wastes resulting from use of this product may be disposed of on site or at an approved waste disposal facility.

Container Disposal: Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

14. TRANSPORTATION INFORMATION

DOT STATUS: Not Regulated

PROPER SHIPPING NAME: N/A

HAZARD CLASS: N/A

UN NUMBER: N/A

PACKING GROUP: N/A

REPORTABLE QUANTITY: N/A

IATA/ICAO STATUS: Not Regulated

PROPER SHIPPING NAME: N/A

HAZARD CLASS: N/A

UN NUMBER: N/A

PACKING GROUP: N/A

REPORTABLE QUANTITY: N/A

IMO STATUS: Not Regulated

PROPER SHIPPING NAME: N/A

HAZARD CLASS: N/A

UN NUMBER: N/A

PACKING GROUP: N/A

REPORTABLE QUANTITY: N/A

FLASH POINT: N/A

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15. REGULATORY INFORMATION

TSCA STATUS: Exempt

CERCLA STATUS: N/D

SARA STATUS: N/D

RCRA STATUS: N/D

PROP 65 (CA): N/D

16. OTHER INFORMATION

REASON FOR ISSUE: MSDS Reviewed.

APPROVAL DATE: 01/02/12

SUPERSEDES DATE: 12/17/10

LEGEND: N/A = Not Applicable

N/D = Not Determined

N/L = Not Listed

L = Listed

C = Ceiling

S = Short-term

(R) = Registered Trademark of Valent BioSciences

(TM) = Registered Trademark of Valent BioSciences

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870 Technology Way, Suite 100
Libertyville, IL 60048 - 800-323-9597

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TECHNICAL USE SHEET

VectoBac® WG

Bacterial Larvicide



VectoBac® WG (also known as WDG) Biological Larvicide is a water-dispersible granule formulation of *Bacillus thuringiensis* subsp. *israelensis* strain AM65-52 for control of mosquito larvae. The product has a potency of 3,000 International Toxin Units (ITU) per milligram against *Aedes aegypti* larvae. It is designed for use in aqueous spray mixes and for direct application to water containers. VectoBac WG was the first bacterial larvicide to complete the World Health Organization Pesticide Evaluation Scheme.

Consisting of only *Bti* strain AM65-52 and food-grade (U.S. EPA list 4) inert ingredients, VectoBac WG has received approval for application in organic crops (U.S.: Organic Materials Review Institute [OMRI] and National Organic Program [NOP] certified) and sensitive habitats in various countries around the world. This versatile formulation allows a variety of application modes and uses for mosquito control.

Container species such as *Aedes aegypti* and *Aedes albopictus* are a major source of concern for mosquito abatement agencies across the globe due to their high vectorial capacity. In addition, adulticiding these species can be quite difficult because of their preference for host seeking and oviposition in the daytime. Various application methods of VectoBac WG complement integrated vector management (IVM) programs that are aimed at reducing these species that have the capacity to transmit dengue, chikungunya, and yellow fever, as well as other arboviruses.



FEATURES

- Bacterial larvicide
- Highly specific activity on mosquitoes
- Water-dispersible granule
- High-potency dry formulation
- Mixes easily in water
- First bacterial larvicide to complete the WHO Pesticide Evaluation Scheme
- Effective in direct application for residual control of container mosquitoes
- Effective in ground and aerial spray application as aerosol or mist droplets for wide-area control of container mosquitoes
- Quickly kills mosquito larvae (2–24 hours)

BENEFITS

- Not harmful to non-target organism populations
- Aqueous spray or direct application
- Increased shelf life
- Decreased weight to transport
- Sprays easily through many equipment types
- Consistent, quality product that aligns with international health standards for public health
- Application flexibility for effectively managing dengue and chikungunya disease vectors
- Results visible quickly in field

General Application Rates



For general mosquito control, VectoBac WG can be applied as an aqueous spray using conventional ground and aerial application equipment to habitats with sparse or no vegetation. Rate selected should be based on habitat, larval population/stage, and/or environmental conditions.

For effective mosquito control an application rate range of 1.75–7.0 oz/acre (50–200 g/acre; 125–500 g/hectare) is required.

Polluted water (such as sewage lagoons and animal waste lagoons) requires an application rate range of 7.0–14.0 oz/acre (200–400 g/acre; 0.5–1.0 kg/hectare). Use higher rate range in polluted water and when late 3rd and early 4th instar larvae predominate, mosquito populations are high, or algae is abundant.

General Mixing Instructions

Gradually add the desired quantity of VectoBac WG to half the final intended volume of water in a mix tank while under agitation, then add additional water to produce the final spray volume. The concentration of the final spray mix will depend on weather, spray equipment, and mosquito habitat characteristics. Start the mechanical or manual agitation to provide moderate circulation of water before adding the VectoBac WG. Backpack and compressed air sprayers may be agitated by shaking after adding VectoBac WG to the water in the sprayer. VectoBac WG suspends readily in water and will stay suspended over normal application periods. Brief recirculation may be necessary if the spray mixture has sat for several hours or longer. Do not mix more VectoBac WG than can be used in a 48-hour period.

Rapid mixing of highly concentrated suspensions for aerial application targeting container mosquitoes may require the use of a venturi inductor system. Consult your Valent BioSciences Corporation representative regarding sources for this equipment.

AVOID CONTINUOUS AGITATION OF THE SPRAY MIXTURE DURING SPRAYING. For ground spraying, apply 1.75–14 oz/acre (50–400 g/acre; 123–988 g/ha) of VectoBac WG in 1–100 gallons of water per acre (10–950 liters/ha) using hand-pump, air blast, mist blower, or other spray equipment. For aerial application, apply 1.75–14 oz/acre (50–400 g/acre; 123–988 g/ha) of VectoBac WG in 0.25–10 gallons of water per acre (2.4–93.5 liters/ha) through fixed wing or helicopter aircraft equipped with either conventional boom and nozzle system or rotary atomizers to provide uniform coverage of the target area.

Container Mosquito Applications—Direct Placement



Larval Habitat	VectoBac WG Application Method*	Application Equipment
Water reservoirs ≥ 50L in volume capacity	Direct application into containers	Calibrated scoop/spoon
Container type: • Cement, earthen, plastic, metal, fiberglass	2–8g / 1,000 L	1 teaspoon/200 L (dose ~ 8g/1,000L)

* Consult your VBC technical specialist to determine optimal application methods to meet your program objectives.

Direct (undiluted) applications of VectoBac WG are used to treat water containers in many countries around the globe. Direct application is best suited for treatment of easily located containers with a volume > 50 liters (13.2 gallons), but can be used for smaller containers as well. This approach has delivered extended residual control for up to three months in a variety of container types. Examples of these containers include potable water reservoirs such as earthen or cement jars, plastic or metal drums, and fiberglass or cement tanks. Application rates of 2–8 g per 1000 liters (264 gallons) of container capacity (100–400 mg/50 L) should be used depending on habitat conditions and program objectives. Application may be made with a calibrated scoop or spoon. Monitor for efficacy and residual control by counting numbers of late instar and pupae in treated containers before and after treatment. Initial late instar/pupae reductions should be seen in 72 hours. Re-treatment interval should be based on program objectives. Consult Valent BioSciences for additional technical assistance regarding this approach.

Container Mosquito Applications—Wide Area Spray (Backpack)



Larval Habitat	VectoBac WG Application Method*	Application Equipment
Water reservoirs ≤ 50 L in volume capacity	Ground spray	Ground spray equipment
Container type:		
• Cement, earthen, plastic, metal, fiberglass • Concrete drainage system • Covered and uncovered drains • Roof gutters • Trash • Tires • Vegetation – leaf axils, tree holes, leaf litter • Natural pools with leaf litter	250–500 g/ha (1 ha = 10,000 m ²)	• Vehicle-mounted sprayers • Motorized backpack or shoulder-carried blowers • Hand-carried pump sprayers

* Consult your VBC technical specialist to determine optimal application methods to meet your program objectives.

Recommended Dilution Rates for VectoBac® WG per Hectare

Larval Habitat	VectoBac WG Application Method	Application Equipment
Covered concrete drains	150–200 L (high volume application)	Motorized backpack or shoulder-carried blowers
Uncovered concrete drains, roof gutters, sparse vegetation, containers, tires, etc.	30–60 L (moderate volume application)	Motorized backpack or shoulder-carried blowers
Trash, dense vegetation, leaf litter, etc.	15–30 L (low volume application)	Motorized backpack or shoulder-carried blowers
Wide open areas of larval habitat	7–10 L (ultra-low volume application)	Vehicle-mounted ULV sprayers

Ground aqueous spray mix applications should be targeted to natural and artificial larval habitats which are < 50 L (13.2 gallons) in volume capacity that are spread over a wide area such as covered and uncovered concrete drainage systems, trash accumulations, tires, roof gutters, and vegetation—leaf axils, tree holes, leaf litter, and ground pools. The recommended dosage in a spray mix is 250–500 g of VectoBac WG per hectare of target larval habitats. Large-scale studies in Asia Pacific have shown that optimal results for dengue vector control are observed with 400–500 g of VectoBac WG per hectare in a spray mix.

Motorized backpack sprayers are an effective tool for rapid coverage of small containers in an urban environment. However, calibration for these treatments is different from the approach used to target open standing water habitats. Conventional applications are made on a grid pattern. In conventional treatments, spray volume per unit area is easily calculated based on travel speed, flow rate and swath width. When spraying to target known and suspected accumulations of containers in urban and suburban areas, this approach may not be suitable due to clustered microhabitats and non-linear access to the target areas. One way to calculate the required volume prior to application is to conduct a “dress rehearsal” first with only water in the spray tank. Moving through typical target areas at a comfortable pace and spraying all likely container sources with water will provide a fairly accurate estimate of spray volume required. Product concentration in the spray mix can then be determined based on the size of the area and volume used. Tests conducted with motorized backpack blowers using VectoBac WG show that a droplet size in the 80–120 micron range produces the most effective swath in terms of distance while still being likely to fall into containers.

Container Mosquito Applications—Wide Area Spray (Ground Vehicle and Aircraft)

These types of applications for control of container *Aedes* are highly specialized. For ground (truck) applications, this approach has only just recently been implemented operationally in Southeast Asia, with the U.S. and Europe currently in the development phase.



GROUND (VEHICLE-MOUNTED SPRAYING)

Tests are currently being conducted by mosquito control professionals globally on how to best apply VectoBac WG through truck-mounted spray equipment. Several tests are showing promise, and results are expected in the near future. Several factors make larviciding for container mosquitoes different from standard ULV adulticiding. The objective of ULV adulticiding is to release an airborne cloud of very small droplets of insecticide that will impinge upon flying mosquitoes and deliver a toxic dose to the insect by contact. When spraying microbial larvicides for container mosquito control, the objective is to disperse droplets of larvicide across a targeted area that will then fall into containers and deliver a sufficient dose to kill mosquito larvae that are filter feeding in the water. Selection of spray equipment to achieve appropriate droplet spectra for specific environmental conditions is a complex matter. Density of structures and vegetation in the targeted area as well as atmospheric conditions need to be considered. Please contact your local Valent BioSciences technical specialist for additional assistance regarding this approach.

AERIAL

In 2011, the Florida Keys Mosquito and Vector Control District (U.S.) implemented the world's first aerial larviciding program to control dengue vectors on a large scale. In 2010, the district developed the method in cooperation with Valent BioSciences Corporation and Helicopter Applicators Inc. in response to an ongoing dengue outbreak. The method has been optimized with support of REMSpC Spray Consulting. Applications are made using six Micronair® AU5000 rotary atomizers operating at 4,000–5,000 rpm on a Bell 206B helicopter. Treatments are made with a spray volume of 0.5 gallons per acre and a Vectobac WG dose of 0.5 lbs/acre. Two hundred-foot swaths are employed at an altitude of 100 feet and an airspeed of 80 mph. Offset spraying is employed during missions based on wind conditions and the AGDISP model applied by REMSpC. Early in 2011, the district began employing this method in conjunction with intensive ground efforts to control *Aedes aegypti* in Key West. Subsequent research by the district has shown adult population suppression is occurring as a result of the treatments, and *Aedes aegypti* populations are declining in Key West. Please contact your local Valent BioSciences technical specialist for additional assistance regarding this approach.

TECHNICAL USE SHEET

VectoBac® WG

Bacterial Larvicide

Packaging

VectoBac® WG Biological Larvicide is available in the following package sizes:

- USA only
 - 1 lb (0.45 kg) HDPE plastic canisters, packaged 24 per case
 - 25 lb (11.3 kg) drums
- International only
 - 0.5 kg HDPE plastic canisters, packaged 24 per case
 - 25 kg drums

Check with your local distributor or Valent BioSciences technical representative to see what packaging is available in your area.



PRECAUTIONARY STATMENTS

Keep locked up out of reach of children and unauthorized persons and animals. Avoid any contact with skin eyes or clothing. Do not breathe the vapor or mist. Do not eat, drink or smoke during the use and handling of the product. If inhalation occurs stop working, follow first aid measures and call a physician. Wear protective clothing, gloves, overalls and eye/face protection.

التحذيرات

تحفظ العبوات مغلقة بعيدا عن متناول الاطفال والاشخاص غير المخولين والحيوانات. تجنب ملامسة الجلد والملابس واصابة العينين. لا تستنشق بخار ورذاذ المبيد. الامتناع عن الاكل والشرب والتدخين اثناء تداول واستخدام المبيد. التوقف عن العمل فور استنشاق المبيد واتخاذ اجراءات الاسعافات الاولى واستدعاء الطبيب. ضرورة لبس الملابس الواقية.

الاسعافات الأولية First Aid

If Swallowed: Don't induce vomiting, immediately contact a doctor and show him the label or container.

في حالة الابتلاع: لا تتقيأ و اتصل فوراً بالطبيب و احضر له النشرة الفنية أو عبوة المبيد.

If Inhaled: consult a doctor.

في حال استنشاق المبيد: استشر الطبيب.

If on Skin: should be washed off with soap and water.

في حال ملامسة المبيد للجلد: يجب غسله بالماء و الصابون.

If in Eyes: wash immediately with running water and consult a doctor.

في حال ملامسة المبيد للعيون: تغسل فوراً بالماء الجاري و استشارة الطبيب.

STORAGE AND DISPOSAL

Store in original tightly closed containers, away from children. Store in adequate ventilation. Do not use or store in or around homes. Do not contaminate water, food or feed by storage or disposal. To dispose, triple rinse the container then punctures and disposes in accordance with local regulations. Never reuse empty containers.

التخزين و التخلص من العبوات

التخزين في العبوات الاصلية محكمة الاغلاق بعيدا عن الاطفال وفي مكان جيد التهوية. عدم استعمال او تخزين المبيد قريبا من السكن. تجنب تلوث الاكل والشراب وطعام الحيوانات اثناء التخزين. التخلص من العبوات الفارغة حسب القوانين المحلية.

VectoBac® WDG Biological Larvicide

فيكتوباك دبليو دي جي بيولوجيكال لارفيسايد

Biological insecticide WDG

مبيد حشري حيوي على شكل حبيبات قابلة للذوبان في الماء

Active ingredient: Bacillus thuringiensis
37.4%

المواد الفعالة: باسيللوس ثيورينجنسيس 37.4%
المواد الحاملة: 62.6%
Inert Ingredient: 62.6%

تحذير Caution

KEEP OUT OF REACH OF CHILDREN

يحفظ بعيدا عن متناول الأطفال

MOCCAE Registration Number:

AUD-AD-140-1981

(رقم تسجيل المبيد بوزارة التغير المناخي والبيئة)

دولة الامارات العربية المتحدة

الشركة المنتجة - Manufacturing Company

Valent BioSciences Corporation

المشأ Origin-

امريكا- USA

الموزع المحلي - Local Distributor

Agricultural Materials Company Ltd

شركة المواد الزراعية المحدودة - ذ.م.م

P.O.Box 1290 AL Ain /UAE

Tel 00971 3 7641064

Email : amc.emirates@agrimatco-me.com

Net Contents: 500 gm

المحتوى الصافي 500 غم.

DIRECTIONS FOR USE

VectoBac® WDG: Biological Larvicide (hereafter referred to as VectoBac WDG) is an insecticide for use against mosquito larvae.

فيكتوباك دبليو دي جي: مستحضر حيوي مبيد لليرقات (المشار إليه بـ فيكتوباك® دبليو دي جي)، وهو مبيد حشري يُستخدم للقضاء على يرقات البعوض.

الاستخدامات USES

Mosquitoes Habitat اماكن تكاثر البعوض	Application rate معدل الاستخدام
Such as the following examples: Irrigation ditches, roadside ditches, flood water, standing pools, woodland pools, snow melt pools, pastures, catch basins, storm water retention areas, tidal water, salt marshes and rice fields. مثل الأماكن التالية: قنوات الري، جوانب الطريق، القنوات، خزانات المياه، البرك الراكدة، المستنقعات، برك الثلج المذابة، المراعي، أحواض الصيد، مناطق احتباس مياه العواصف، مياه المد والجزر، المستنقعات المالحة وحقول الأرز.	1.75 - 7.0 oz/acre (50 - 200 g/acre) (125 - 500 g/ha) 1.75-7.0 اونصة/فدان (50-200 غم/ فدان) (125-500 غم/ هكتار)
Polluted water, such as sewage and animal waste lagoons المياه الملوثة مثل مياه الصرف الصحي وبحيرات النفايات الحيوانية	7 - 14 oz/acre (200- 400 g/acre) (500- 1000 g/ha) 7- 14 اونصة/فدان (200-400 غم/ فدان) (500-1000 غم/ هكتار)

الضمان WARRANTY STATEMENT

The manufacturer guarantee the chemical and physical specification of this pesticide if stored in original packing under good storage conditions during its validity period under UAE conditions

تضمن الشركة المنتجة المواصفات الكيميائية والفيزيائية لهذا المبيد اذا تم تخزينه في ظروف تخزين جيدة بعبواته الاصلية طيلة فترة صلاحيته تحت ظروف دولة الامارات العربية المتحدة.

P/Date: تاريخ الانتاج
E/Date: تاريخ الانتهاء
Batch No. رقم التشغيل