



U.S. ENVIRONMENTAL PROTECTION AGENCY
 Office of Pesticide Programs
 Antimicrobials Division (7510P)
 1200 Pennsylvania Ave., N.W.
 Washington, D.C. 20460

EPA Reg. Number:

95535-2

Date of Issuance:

05/01/2020

NOTICE OF PESTICIDE:

Registration
 Reregistration
 (under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

VodaGuard O Algaecide

Name and Address of Registrant (include ZIP Code):

Amvodaguard Inc.
 133 Mavety St.
 Toronto, ON Canada M6P 2L8

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Antimicrobials 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.

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. The data requirements for storage stability and corrosion characteristics (Guidelines 830.6317 and 830.6320) are not satisfied. A one year study is required to satisfy these data requirements. You have 18 months from the date of registration to provide these data.

Signature of Approving Official:

Andrew Bryceland, Team Leader
 Biochemical Pesticides Branch
 Biopesticides and Pollution Prevention Division (7511P)
 Office of Pesticide Programs

Date:

05/01/2020

3. Make the following label changes before you release the product for shipment:
 - Revise the EPA Registration Number to read, “EPA Reg. No. 95535-2.”
4. Submit one copy of the revised 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 the Federal Insecticide Fungicide and Rodenticide Act 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) list 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. Please also note that the record for this product currently contains the following CSFs:

- Basic CSF dated 03/03/2020
- Alternate CSF 1 dated 03/03/2020
- Alternate CSF 2 dated 03/03/2020

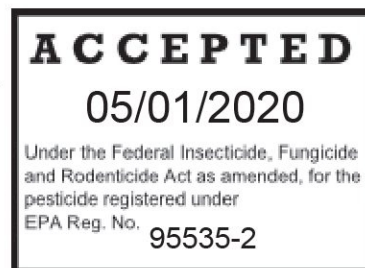
If you have any questions, please contact Gina Burnett by phone at (703) 605-0513, or via email at Burnett.Gina@epa.gov.

Sincerely,



Andrew Bryceland, Team Leader
Biochemical Pesticides Branch
Biopesticides and Pollution
Prevention Division (7511P)
Office of Pesticide Programs

VodaGuard O[®]
Algaecide
Water Source Protection Against Algae Blooms



Active Ingredient	
Sodium carbonate peroxyhydrate*	82.45%
Other Ingredients.....	<u>17.55%</u>
Total.....	100.0 %

*Contains 26.77% hydrogen dioxide by weight

KEEP OUT OF REACH OF CHILDREN
DANGER PELIGRO

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 FOLLOWING PAGES FOR ADDITIONAL PRECAUTIONARY STATEMENTS

FIRST AID	
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. Call a poison control center or doctor for treatment advice.
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 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 mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-892-0099 for emergency medical treatment information.	
NOTE TO PHYSICIANS	
Probable mucosal damage may contraindicate the use of gastric lavage.	

Manufactured for:
 Amvodaguard, Inc.
 133 Mavity St.,
 Toronto, ON Canada, M6P 2L8
 416-628 5174

Imported by: AgroShield LLC, 413 N. Main Street, Suite 100 Buffalo WY 82834 USA info@agro-shield.com

EPA Reg. No. 95535-E
NET CONTENTS 25 lb

EPA Est. No. 92012-RUS-1
Batch No. _____

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS

DANGER / PELIGRO Corrosive.

Causes irreversible eye damage and causes skin burns. Harmful if swallowed or inhaled. Do not get in eyes, on skin, or clothing.

Wear coveralls over long-sleeved shirt and long pants, chemical resistant gloves, chemical resistant footwear plus socks. Wear goggles or face shield and rubber gloves when handling this product. Avoid breathing dust. 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 clothing before reuse. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. When prolonged or frequently repeated contact could occur, use chemically resistant gloves and full body clothing

Environmental Hazards

This pesticide is toxic to birds. Do not contaminate water when disposing of equipment washwaters or rinsate. This product is highly toxic to bees and other beneficial insects exposed to direct contact on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively visiting the treatment area. Do not apply this product or allow it to drift to crops where beneficial insects are part of an integrated pest management strategy.

Physical and Chemical Hazards

Oxidizing agent. Contact with combustible materials may cause fire. Wet product decomposes exothermically and may cause combustion of organic materials. Pressure may increase due to decomposition in confined spaces or containers.

PERSONAL PROTECTIVE EQUIPMENT (PPE):

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

- Coveralls over long-sleeved shirt and long pants
- Protective eyewear (goggles or face shield)
- Chemical resistant gloves and
- Chemical resistant footwear plus socks.

Some materials that are chemical-resistant to this product are polyvinyl chloride, nitrile rubber, or butyl rubber. If you want more options, follow the instructions for category A on an EPA chemical resistance category selection chart.

Follow 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:

- Wash hands thoroughly with soap and water after handling, before eating, drinking, chewing gum, using tobacco or using the toilet.
- 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.

DIRECTIONS FOR USE

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

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. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

Avoid use near shallow waterbody margins during amphibian breeding seasons.

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), notification to workers, and Restricted-Entry Interval (REI). The requirements in this box only apply to the uses of this product that are covered by the Worker Protection Standard.

For enclosed environments:

There is a restricted entry of one (1) hour for this product when applied via fogging or spraying to growing plants, surfaces, equipment, structures and non-porous surfaces in enclosed environments such as glasshouses and greenhouses. PPE requirement for early entry to 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, is coveralls worn over long-sleeved shirt and pants, waterproof gloves and shoes plus socks.

There is a restricted entry of zero (0) hours for pre-plant dip, seed treatment, soil drench, mop, sponge, dip, soak, rinse or other non-spraying or non-fogging application methods when used in enclosed environments such as glasshouses and greenhouses.

For field applications:

Keep unprotected persons out of treated areas until sprays have dried or dusts have settled.

NON - AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are **not** within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries or greenhouses.

Keep unprotected persons out of treated areas until sprays have dried or dusts have settled.

READ ENTIRE LABEL AND PAMPHLET. USE STRICTLY IN ACCORDANCE WITH PRECAUTIONARY STATEMENTS AND DIRECTIONS, AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS

PRODUCT INFORMATION

Apply VodaGuard O[®] to any listed water surface sites.

WATER SURFACES

Ponds, lakes, lagoons, fish ponds, stock tanks, stock watering ponds, post-harvest waters, process water systems, golf course ponds, industrial / commercial ponds, impounded waters, standing water, non-potable reservoir water, waterways, conveyance ditches, canals, laterals, drainage systems, irrigation ponds, catch basins, flooded areas, sewage systems, sewage lagoons, drain fields, fire ponds, non-potable watering tanks, watering systems, storage tanks, water collectors and domestic/commercial waters.

Use VodaGuard O to treat, control, and prevent a broad spectrum of algae, filamentous and planktonic blue-green algae, non - public health bacteria and fungi.

APPLICATION INSTRUCTIONS

1: DETERMINE WATER VOLUME TO BE TREATED

Measure length (L), width (W), and average depth (D) in feet (ft) or meters (m) and calculate volume using one of the following formulae:

Water bodies: Lakes, ponds, etc.	small areas - rectangular	Small areas- Circular/Elliptical
1 acre-foot of water means water measuring 1 acre surface (208.7 ft long x 208.7 ft wide) x 1 ft deep. Equal to: 43,560 cubic feet OR 325,851 gallons OR 2,780,000 pounds 3.07 acre feet = 1 million gallons	$L(\text{ft}) \times W(\text{ft}) \times D(\text{ft}) \times 7.5 =$ Gallons $L(\text{m}) \times W(\text{m}) \times D(\text{m}) \times 1000 =$ Liters	$L(\text{ft}) \times W(\text{ft}) \times D(\text{ft}) \times 5.9 =$ Gallons $L(\text{m}) \times W(\text{m}) \times D(\text{m}) \times 786 =$ Liters
FOR IRREGULAR SHAPED AREAS: Average length x Average width ÷ 43560 = acres. Acres x depth in feet = acre-feet.		

APPLICATION RATE:

Treatment is applied per calculated water volume according to the tables below.

APPLICATION RATES, FULL VOLUME CONTROL

Large Volume	Heavy algae growth	Low algae growth or maintenance
	51.6 to 255 lb VodaGuard O per 1 million gallons or 20.6 -92.8 lb VodaGuard O per acre-foot	5.2 to 25.8 lb VodaGuard O per million gallons or 2.1 - 9.28 lb VodaGuard O per acre foot
Small Volume	1 to 5.15 ounces VodaGuard O per 1000 gallons water	0.5 to 1.55 ounces VodaGuard O per 1000 gallons water
Use in e.g. indoor or outdoor water gardens, fountains, waterfalls, decorative ponds		

TREATMENT GUIDANCE

- Control is most easily achieved when algae are not yet well established. Treat when growth first begins to appear. This is especially important in the prevention of clogged irrigation systems, pumps, filters etc.
- Apply early in the day under calm, sunny conditions, and when water temperatures are warm. Sunlight and higher temperatures both enhance the activity of VodaGuard O.
- Apply in a manner that will insure even distribution of VodaGuard O within the treatment area.
- Break up any heavy floating algae mats before or during application.
- When treating surface mats and blooms, it is possible that VodaGuard O will not penetrate the water column below the infested area, and a second application is then required for treating any bottom growing algae. Do not exceed the maximum label rate.
- Skim any dead algae and organic matter that rises to the water's surface after treatment. Allowing dead organics to sink and decay will provide a food source and additional nutrients that stimulate algae re-growth and further blooms.
- Use VodaGuard O as part of your water of a comprehensive water management plan. If using in conjunction with other water additives (such as bacteria or enzymes), always apply VodaGuard O first and wait several hours before adding any other products.
- Re-treat areas if re-growth begins to appear. Allow 48 hours between consecutive treatments.
- Use the maintenance rates to limit new algae growth, and reduce the amount of product needed to control heavy blooms.
- In regions where water freezes in the winter, treatment with VodaGuard O 6-8 weeks before expected freeze will help prevent masses of decaying algae under the ice cover.

Restrictions:

- After application, do not allow undiluted granules to remain in an area where humans or animals are exposed.

- Non-target plants will suffer contact burn if undiluted granules are accidentally spilled on them.
- Do not apply in such a way that the concentrated product comes in contact with grass, ornamentals and other foliage.
- Do not tank mix or apply in conjunction with aquatic herbicides or algaecides containing copper (e.g. VodaGuard C) or bromides. Always apply VodaGuard at least one day prior to the application of these products.

APPLICATION METHODS TO CONTROL ALGAE IN LAKES, IMPOUNDED WATERS, PONDS AND RESERVOIRS: The best method by which to apply VodaGuard O granules to algae-infested water is by dusting it over a well-defined contamination-zone, at early bloom stages, when harmful algal / cyanobacteria numbers are at 5,000-20,000 cells / ml (and below 10 µg chlorophyll-a/liter). This can be done by hand, a boat or an airplane, depending on the area of the infested zone and its proximity to reservoir's bank. When a small duster is mounted in a properly equipped boat, application can be broadcast directly on the water surface at the edge of the infested zone. Note that the direction of the wind is an important factor - always dust off-wind. Do not use this method unless completely familiar with this type of application.

SPRAY DRIFT ADVISORIES

THE APPLICATOR IS RESPONSIBLE FOR AVOIDING OFF-SITE SPRAY DRIFT.

BE AWARE OF NEARBY NON-TARGET SITES AND ENVIRONMENTAL CONDITIONS.

A variety of factors including weather conditions (e.g., wind direction, wind speed, temperature, and relative humidity) and the method of application (ground or aerial) can influence pesticide drift. The applicator must evaluate all factors and make appropriate adjustments when applying this product. Applicators need to be familiar with local wind patterns and terrain that could affect spray drift. Do not exceed maximum label rate.

WIND SPEED: Drift potential generally increases with wind speed. **AVOID APPLICATIONS DURING GUSTY WIND CONDITIONS.** Do not apply at wind speeds greater than 15 mph. Only apply this product if the wind direction favors on-target deposition (approximately 3 to 10 mph), and there are no sensitive areas within 76 meters downwind.

TEMPERATURE INVERSIONS: If applying at wind speeds less than 3 mph, the applicator must determine if a) conditions of temperature inversion exist, or b) stable atmospheric conditions exist at or below nozzle height. Do not make applications into areas of temperature inversions or stable atmospheric conditions.

OTHER STATE AND LOCAL REQUIREMENTS: Applicators must follow all state and local pesticide drift requirements regarding application of copper compounds. Where states have more stringent regulations, they must be observed.

EQUIPMENT: All aerial and ground application equipment must be properly maintained and calibrated using appropriate carriers or surrogates. For aerial applications:

- The boom length must not exceed 75% of the wingspan or 90% of the rotor blade diameter.
- Release granules at the lowest height consistent with efficacy and flight safety. Do not release granules at a height greater than 3 meters above the water surface unless a greater height is required for aircraft safety.
- When applications are made with a crosswind, the swath must be displaced downwind. The applicator must compensate for this displacement at the up and downwind edge of the application area by adjusting the path of the aircraft upwind.

FOR GROUND APPLICATION:

Do not apply granules at height greater than 1.2 meters above the water surface.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage, disposal or cleaning of equipment. Open dumping is prohibited.

PESTICIDE STORAGE

Store in original containers in a cool, well-vented area, away from direct sunlight. Do not allow product to become overheated in storage. This may cause increased degradation of the product, which will decrease product effectiveness. Wet product decomposes exothermically and may cause combustion of organic materials. Pressure burst may occur due to decomposition in confined spaces or containers. In case of spill,

flood area with large quantities of water. Do not store in a manner where cross-contamination with other pesticides or fertilizers could occur.

PESTICIDE DISPOSAL

Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Open dumping is prohibited. If wastes cannot be disposed of according to label directions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance

CONTAINER HANDLING

[For 25 lb container]

Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

DISCLAIMER, RISKS OF USING THIS PRODUCT, LIMITED WARRANTY AND LIMITATION OF LIABILITY

The label instructions for use of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and must be followed carefully. However, it is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application all of which are beyond the control of **Amvodaguard Inc.**. To the extent permitted under applicable law, all risks shall be assumed by the user.

Amvodaguard Inc. warrants only that the material contained herein conforms to the chemical description on the label and is reasonably fit for use therein described when used in accordance with the Directions for Use set forth in the Complete Directions for Use booklet (Directions), subject to the risks referred to above.

To the extent permitted under applicable law, any damage arising from a breach of this warranty shall be limited to direct damages and shall not include consequential commercial damages, such as loss of profits or values or any other special or indirect damages.

Amvodaguard Inc. makes no other express or implied warranty including any other express or implied warranty of FITNESS or MERCHANTABILITY.

If you do not agree with or do not accept any of directions for use, the warranty disclaimers, or limitations on liability, do not use the product, and return it unopened to the Seller, and the purchase price will be refunded.

The sale of this product does not include a license under any patent owned by **Amvodaguard Inc.**