

-75100-2

04-14-2011

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY



U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs  
Antimicrobials Division (7510C)  
1200 Pennsylvania Avenue NW  
Washington, D.C. 20460

EPA Reg. Number: 75100-2  
Date of Issuance: APR 14 2011

Term of Issuance: Unconditional

Name of Pesticide Product: ChitoSante<sup>TM</sup> Technical

NOTICE OF PESTICIDE:

Registration  
 Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

VA & G BioScience, Inc.  
2851 South Haven Rd  
Annapolis, Maryland 21401

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/reregistered 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 (OPP Decision No. D-430913) is unconditionally registered in accordance with FIFRA sec 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for re-registration of your product under FIFRA section 4.
2. Make the following labeling changes listed below before you release the product for shipment:

Signature of Approving Official:

*Jacqueline Campbell-McFarlane*  
Jacqueline Campbell-McFarlane  
Product Manager Team-34  
Regulatory Management Branch II  
Antimicrobials Division (7510P)

Date:

APR 14 2011

CONCURRENCES

SYMBOL	SURNAME	DATE					

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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- a. Add a phone number or any form of contact information to the company's address.

Submit three (3) copies of your final printed labeling before distributing or selling the product bearing the revised labeling.

A stamped copy of the label with conditions is enclosed for your records.

If these conditions are not complied with, this registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

If you have questions concerning this matter, please contact me at (703) 308-6416 or by email at [Campbell-McFarlane.Jacqueline@epa.gov](mailto:Campbell-McFarlane.Jacqueline@epa.gov) or Jaclyn Carl at (703) 347-0213 or by email at [carl.jaclyn@epa.gov](mailto:carl.jaclyn@epa.gov).

Sincerely,

Jacqueline Campbell-McFarlane  
Product Manager (34)  
Regulatory Management Branch II  
Antimicrobials Division (7510P)

Enclosure: Stamped Label with conditions

CONCURRENCES

SYMBOL								
SURNAME								
DATE								

# ChitoSante™ Technical

## FOR MANUFACTURING/FORMULATING USE ONLY

<b>ACTIVE INGREDIENT:</b>	% w/w
Chitosan	100.00%
<b>OTHER INGREDIENTS:</b>	<u>0.00%</u>
<b>Total</b>	100.00%

**KEEP OUT OF REACH OF CHILDREN**

### CAUTION PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

#### CAUTION

Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling.

#### FIRST AID STATEMENTS

##### 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 eye.
- Call a poison control center or doctor for treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

Net Contents:

EPA Reg. No. 75100-2  
EPA Est. No. 075100-TWN-001

VA & G Bioscience, Inc.  
No. 29 Chang-An Street  
Bade City, Taoyuan  
Taiwan 33465, R.O.C.

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**ENVIRONMENTAL HAZARDS**

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or public waters unless in accordance with the requirements of National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product into sewer without previously notifying the sewage treatment plant authority. For guidance, contact your State Water Board or regional Office of the EPA.

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

Applicators and other handlers must wear: Long-sleeved shirt and long pants. Waterproof gloves. Shoes plus socks. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Formulators using this product are responsible for obtaining an EPA Registration for their formulated product. Chitosan, the active ingredient in ChitoSante' Technical, inhibits the growth of non-health related organisms such as bacteria, mold, mildew and fungus that cause odor, stains, discoloration, decay and deterioration of the treated materials. Distributors of products containing ChitoSante' Technical may not make claims of antimicrobial activity other than the protection of the treated material against the growth of bacteria, mold, mildew and fungi in or on the treated product. See 40 C.F.R.152.25(a) for further guidance about treated article claims. ChitoSante' Technical may be incorporated into products used in the finishing process of manufacturing textiles, including carpet. It may used for surface applications to floor coverings, textiles, paper, leather, textile wall partitions, vinyl, upholstery, wallboard, other hard contact surfaces, and vehicle interiors. It may be used in home use products, used in washing machines, for consumer use (on surfaces such as apparel, shoes and insoles, curtains, mattresses, upholstery, carpet, exercise equipment and air filters), textile covers (boat, car, sofa). ChitoSante' Technical may be used in agricultural products that have specific plant defense booster or plant growth regulator uses (I.e. seed treatment).

**STORAGE AND DISPOSAL**

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

**PESTICIDE STORAGE:**

Store in original container in a cool, dry place, away from sunlight and out of the reach of children and pets.

**PESTICIDE DISPOSAL:**

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

**CONTAINER DISPOSAL:**

Non-refillable container. Do not reuse or refill this container.

Containers less than 5 gallons:

Triple rinse as follows: Empty remaining contents into application equipment or mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.

Containers greater than 5 gallons:

Triple rinse as follows: Empty remaining contents into application equipment or mix tank. Fill the container ¼ 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 mix tank or store for later use or disposal. Repeat this procedure two more times.

**NOTICE OF WARRANTY**

VA & G Bioscience, Inc. warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label only when used in accordance with the label directions under normal conditions of use. VA & G Bioscience, Inc. makes no other express or implied warranties either of merchantability or fitness for a particular use. Handling, storage and use of the product by Buyer or User are beyond the control of VA & G Bioscience, Inc. and Seller. Risks such as ineffectiveness or other unintended consequences resulting from, but not limited to, failure to follow label directions will be assumed by the Buyer or User. In no case will VA & G Bioscience, Inc. or Seller be held liable for consequential, special or indirect damages resulting from the handling, storage or use of this product.

The terms of this Limited Warranty and Disclaimer cannot be varied by any written or verbal statements or agreements. No employee or agent of the seller is authorized to vary or exceed the terms of this Limited Warranty and Disclaimer in any manner.

Produced by  
VA & G Bioscience, Inc.  
No. 29 Chang-An Street  
Bade City, Taoyuan  
Taiwan 33465, R.O.C.