

75100-2

5-20-2008

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U.S. ENVIRONMENTAL PROTECTION AGENCY  
 Office of Pesticide Programs  
 Antimicrobials Division (7510C)  
 1200 Pennsylvania Avenue NW  
 Washington, D.C. 20460



**NOTICE OF PESTICIDE:**

- Registration
- Reregistration

(under FIFRA, as amended)

EPA Reg. Number:

75100-2

Date of Issuance:

May 20, 2008

Term of Issuance:

Conditional

Name of Pesticide Product:

ChitoSante™ MUP

Name and Address of Registrant (include ZIP Code):

VA & G Bioscience, Inc.  
 7, Ding-Hu 7<sup>th</sup> Street  
 Taoyuan, Taiwan 333, R.O.C.

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 [Decision Number: D-390860] is conditionally 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 reregistration of your product under FIFRA section 4.

2. Make the labeling changes listed below before you release the product for shipment:

- a). Revise the EPA Registration Number to read, "EPA Reg No. 75100-2."

Signature of Approving Official:

Adam Heyward  
 Product Manager Team-34  
 Regulatory Management Branch II  
 Antimicrobials Division (7510P)

Date:

May 20, 2008

b. Revise the precautionary statement to read as follows"

"Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet."

c. Add the following general information to include either near the first aid statement or emergency phone number statement:

"For emergency information call the **National Pesticides Information Center** at 1-800-858-7378, 6:30 AM to 4:30 PM Pacific time (PT), seven days a week. During other times, call the poison control center 1-800-222-1222."

3. Submit the following data, conducted under the conditions of the Good Laboratory Practice Standards [40 CFR § 160], using the subject product formulation:

Identity of Data	Guideline Reference No.	Due Date
Primary Eye Irritation	§ 870.2400	August 21, 2008

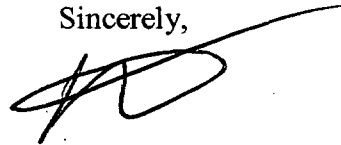
4. The Agency is moving away from review of paper submitted registration applications to electronic review of applications. Therefore, we need your help to make this an efficient and convenient process for both you and the Antimicrobials Division. Accordingly, we are asking you to submit future labeling amendments for this product via the electronic labeling process. Refer to the following website for guidance on electronic submissions, including label: <http://www.epa.gov/pesticides/regulating/registering/submissions/index.htm>. If you have questions concerning electronic labeling, a list of contacts is available at the following site: <http://www.epa.gov/oppfead1/eds/edsgoals.htm#contacts>.

Submit three (3) copies of the final printed label prior to releasing this product for sale.

If these conditions are not complied with, the 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.

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

Sincerely,



Adam Heyward  
Product Manager 34  
Regulatory Branch II  
Antimicrobials Division (7510C)

Enclosures: (Stamped Labeling)

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ChitoSante' MUP  
5/1/08 Section 3 Registration MASTER Label  
Page 1 of 4  
(front panel)

# ChitoSante™ MUP

## FOR MANUFACTURING/FORMULATING USE ONLY

<b>ACTIVE INGREDIENT:</b>	% w/w
Chitosan	99%
<b>OTHER INGREDIENTS:</b>	1%
<b>Total</b>	100%

**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	
<b>IF IN EYES</b>	<ul style="list-style-type: none"> <li>Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
<p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment.</p>	

Net Contents:

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

VA & G Bioscience, Inc.  
7, Ding-Hu 7<sup>th</sup> Street, Gueishan  
Taoyuan, Taiwan 333, R.O.C.

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:  
MAY 20 2008

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No. 75100-2

**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' MUP, 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' MUP 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' MUP 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, 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' MUP may be used in agricultural products in accordance with 40CFR 180.1072.

**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:**

Triple rinse (or equivalent). Then 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.

**BULK CONTAINERS:**

Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

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**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.  
7, Ding-Hu 7<sup>th</sup> Street, Gueishan  
Taoyuan, Taiwan 333, R.O.C.