

ChitoSante
7/15/04 Section 3 Registration MASTER Label
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ChitoSante™

Antimicrobial for Textiles: Inhibits Growth of Bacterial Odors

ACTIVE INGREDIENT:	% w/w
Chitosan	6.00%
OTHER INGREDIENTS:	<u>94.00%</u>
Total	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

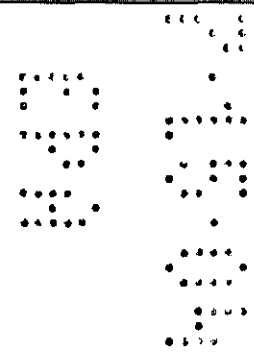
IF IN EYES	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
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Have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

Net Contents:

EPA Reg. No. 75100-1
EPA Est. No. 075100-TWN-001

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



ACCEPTED

AUG 4 2004

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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.

COMMERCIAL/INDUSTRIAL USE

ChitoSante' is used in the finishing process of manufacturing textiles, including carpet. ChitoSante' should always be applied to textiles during the dyeing process, at a ratio of 1 part ChitoSante' to 50 - 100 parts soft water. Apply approximately 1-2% ChitoSante' relative to the dry weight of the textiles. The textile materials should be soaked in this bath solution to achieve good saturation and penetration of fibers. After soaking, textile materials should be dried at a temperature of 70-170 degrees C.

For surface applications to textiles, paper, leather, textile wall partitions and wallboard, apply as a spray, direct surface application (kiss roll, flood nip) or foam at a rate of 3-12 fluid ounces of ChitoSante' per gallon of water, depending upon surface texture and absorption qualities of textile [See Table 1].

Table 1.

<u>Textile</u>	<u>Absorption</u>	<u>Solution</u>	<u>Level</u>	<u>10 oz/sq. yd</u>
Nylon	Low	12 fl. oz	1 %	0.12 fl. oz/gal
Polyester	Moderate	6 fl. oz	1%	0.25 fl. oz/gal
Cotton	High	3 fl. oz	1%	0.50 fl. oz/gal

[Double amount for 2% solutions]

DOMESTIC INDOOR USES

Home use (washing machine): add 1 ounce per gallon of water to final rinse than dry. [See Table 2]:

Table 2. Mixing Instructions for a 1% Saturation Rate (double for 2%)

		8 Gallons	12 Gallons	15 Gallons
<u>Textile</u>	<u>Absorption</u>	<u>Small Load</u>	<u>Medium Load</u>	<u>Large Load</u>
Nylon	Low	5 cups	7 cups	9 cups
Polyester	Moderate	2 cups	3 cups	4 cups
Cotton	High	1 cups	2 cups	3 cups

Home use (spray): add 3 ounces per gallon of water; thoroughly soak textiles to be treated. [See Table 3].

Table 3. Amount of ChitoSante' for Spray Applications (1% solution)

<u>Textile</u>	<u>Absorption</u>	<u>Solution</u>	<u>Light Material</u>	<u>Heavy Material</u>
Nylon	Low	12 fl. oz/gal	0.06 fl. oz/sq.yd	0.25 fl. oz/sq. yd
Polyester	Moderate	6 fl. oz/gal	0.12 fl. oz/sq.yd.	0.5 fl. oz/sq. yd.
Cotton	High	3 fl. oz/gal	0.25 fl. oz/sq.yd.	1.0 fl. oz/sq. yd

Textile covers (boat, car seat/cover, sofa): add 1 ounce per gallon of water; apply at a rate of 2 ounces per square foot of material. Dry thoroughly before using.

Textile surfaces (curtains, mattress, carpet): add 3 ounces per gallon of water, apply as a spray at a rate of 2 ounces of solution per square foot of material. Dry thoroughly.

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 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
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