



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

EPA Reg. Number:

96282-1

Date of Issuance:

2/16/22

NOTICE OF PESTICIDE:

Registration
 Reregistration
(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

Ceravida Fresh

Name and Address of Registrant (include ZIP Code):

Julie Ownbey
Senior Consultant
TSG Consulting
1150 18th Street NW, Suite 1000
Washington, DC 20036

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 (FIFRA).

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 conditionally registered in accordance with FIFRA section 3(c)(7)(A). You must comply with the following conditions:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product under FIFRA when the Agency requires all registrants of similar products to submit such data.

Signature of Approving Official:

Marcel Howard, Acting Product Manager 34
Regulatory Management Branch II
Antimicrobials Division

Date:

2/16/22

2. Be aware that proposed data requirements have been identified in a Work Plan. For more information on these proposed data requirements, you may contact the Reevaluation Team Leader (Team 36): <http://www2.epa.gov/pesticide-contacts/contacts-office-pesticide-programs-antimicrobial-division>
3. 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.
4. Make the following label changes before you release the product for shipment:
 - Revise the EPA Registration Number to read, “EPA Reg. No. 96282-1.”
5. Submit one copy of the final printed label for the record before you release the product for shipment.

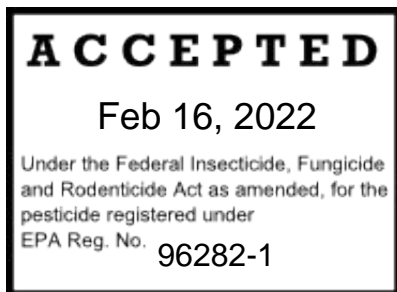
Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by the Agency. See FIFRA section 2(p)(2). If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) lists 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, FIFRA section 12(a)(1)(B). 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 Assurance.

If you fail to satisfy these data requirements, EPA will consider appropriate regulatory action including, among other things, cancellation under FIFRA section 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. Please also note that the record for this product currently contains the following CSFs:

- Basic CSF dated 11/2/2021
- Alternate CSF 1 dated 11/2/2021

If you have any questions, please contact Terria Northern via email at northern.terria@epa.gov.

Enclosure: Accepted Label



CERAVIDA FRESH

Antimicrobial for Textiles and Surfaces

Suppresses Growth of Harmful Bacteria, Mold, Fungi and Mildew on Textiles, Surfaces, and Overall Inanimate Objects

ACTIVE INGREDIENT:	%w/w
<i>Chitosan {Poly-D-Glucosamine}</i>	3.40%
OTHER INGREDIENTS:	<u>96.60%</u>
Total	100.0%

KEEP OUT OF REACH OF CHILDREN

WARNING

PRECAUTIONARY STATEMENTS

{Note to Reviewer: In accordance with 40 CFR 156.68(d), all first aid statements, as prescribed, will appear on the front panel of the product label.}

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)

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.
<p>NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage</p> <p>Have the product container or label with you when calling a poison control center, doctor, or seeking medical treatment. For non-emergency and general information on product use, etc., information pertaining to this product, call the National Pesticides Information Center (NPIC) at 1-800-858-7378, Monday– Friday, 8:00 am – 12:00 pm Pacific Time; email: npic@ace.orst.edu; or web site: www.npic.orst.edu. For emergencies, call the poison control center 1-800-222-1222.</p>	

PRECAUTIONARY STATEMENT

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING Causes substantial but temporary eye injury. Wear goggles, face shield, or safety glasses. Wash thoroughly with soap and water after handling and before eating, drinking, and chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

EPA Reg. No. 96282-R EPA Est. No. XXXXX

Net Contents:

G.Clo Inc.
100, Maeyeo-ro, Dong-gu,
Daegu, Korea, 41064

Produced by:
G.Clo Inc.
100, Maeyeo-ro, Dong-gu, Daegu, Korea, 41064

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.

DIRECTIONS FOR USE

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

CERAVIDA FRESH is used as a treatment to textiles and surfaces to control the growth of non-public health related odor-causing microorganisms such as bacteria, mold, mildew and fungus that cause spoilage, stains, odors, discoloration, decay and deterioration of the treated articles and surfaces.

In line with EPA guidelines, Sellers and Distributors of treated articles and products containing CERAVIDA FRESH may not make any claims of antibacterial activity other than the protection of the treated material itself against the growth of bacteria, mold, mildew and fungi that cause odor, stains, discoloration, decay, and deterioration.

Refer to 40 C.F.R.152.25 (a) for further guidance about treated article claims.

FABRIC MILLS, DYE HOUSES COMMERCIAL USE

Fabric and Textiles Manufacturers, Mills, Dye Houses	<p>Ceravida Fresh is a fabric antimicrobial treatment agent that is applied to fabrics or textile products in their final production stage. Ceravida Fresh is usually added during or after the stentering or dyeing process at a rate of 1- 10% owg "on weight of goods" and/or depending on the dry weight/mass of the materials treated. For a complete application during the fabric treatment process, textile materials must be thoroughly penetrated by Ceravida Fresh solution, and, based on the fiber content, must be dried afterwards at a temperature of 100~380°F (40~190 °C).</p>
Natural and Synthetic Fiber-Filled Bedding, Clothing, and Apparel products	<p>Apply to fiber-filled products be it filled with feathers, polyester or down, at a rate of 1- 10% oz "on weight of goods". Application methods vary depending on the standard methods used by the manufacturer. They include but are not limited to spraying and soaking. After the topical treatment is completed, bedding and apparel products must be dried.</p>
Carpet Manufacturers	<p>Once the dyeing process is completed, Ceravida Fresh can be applied to either side of the carpet. Topical treatment should be conducted using carpet industry standard application processes at a rate of 2-5% oz depending on the carpet face-weight. The higher the face-weight, the higher the percentage.</p>

Direct Surface Application to Textile Surfaces and Other Materials	Textiles and other materials surfaces vary based on their moisture absorption rate and, hand-feel, and texture. With that in mind, spray or foam at a rate of 1-20 [ounces] [fl. oz] of Ceravida Fresh per gallon of water.
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DOMESTIC AND OTHER USES

In addition to its commercial use, CERAVIDA FRESH as a diluted solution can be used as a cleaner to remove-odor causing [bacteria], [mold], [mildew], and [other organic matter] from surfaces [materials] prior to subsequent [treatment] [application] to inhibit [prevent] bacterial and [or] fungal [mold] growth on those surfaces [and] [or] [materials].

Use Ceravida Fresh as...	How to Apply
<p>A Cleaner for surfaces and materials Mix 10-20 [ounces] [fl. oz] of CERAVIDA FRESH into one gallon of water to prepare cleaning solution. Use 10 [ounces] [fl. oz] /gallon for general cleaning and 20 [ounces] [fl. oz] per gallon for more severe applications.</p>	<ol style="list-style-type: none"> 1. Apply CERAVIDA FRESH until area to be cleaned is thoroughly wet. 2. Wipe or scrub area to loosen mold [dirt] [soil] [organic matter] 3. Wipe with rag [cloth] to remove mold [dirt] [soil] [organic matter] from surface and dispose of rag [cloth].
<p>Antibacterial Treatment during laundry cycles For HIGH absorption fabrics such as Cotton a Rayon, add 1 Cup to a Small Load (8 Gals), 1 1/2 Cups to a Medium Load (12 Gals), and 2 Cups to a Large Load (15 Gals). For MEDIUM absorption textiles such as Polyester, add 2 Cups to a Small Load (8 Gals), 3 Cups to a Medium Load (12 Gals), and 4 Cups to a Large Load (15 Gals). For LOW absorption textiles such as Nylon, add 4 Cups to a Small Load (8 Gals), 6 Cups to a Medium Load (12 Gals), and 8 Cups to a Large Load (15 Gals)</p>	<p>Home use (washing machine): Add CERAVIDA FRESH to the fabric softener dispenser or directly onto laundry in washer. Dry laundry in dryer or allow air-drying before use. Apply to each load</p>
<p>An After-Wash Spray for Laundry (an after-wash treatment for clothing, linens, uniforms, and textiles in general) Add 7-20 [ounces] [fl. oz] CERAVIDA FRESH per gallon of water. Amount of CERAVIDA FRESH for spray applications (1% application rate) varies based on fabric content. For HIGH absorption fabrics such as</p>	<p>As an after-wash treatment for clothing, linens, uniforms and textiles, Ceravida Fresh can be used by filling a handheld spray bottle or other suitable sprayer. Remove laundry from washer after final spin cycle. Spray each article with CERAVIDA FRESH solution.</p>

<p>Cotton or Rayon, add 5 [ounces] [fl. oz] of Ceravida Fresh per gallon of water. For MODERATE absorption textiles such as Polyester, use 10 [ounces] [fl. oz /gal]. For LOW absorption fabrics such as Nylon, use 20 fl. oz/gal</p>	<p>Apply to damp articles as removed from the washer.. Dry treated articles thoroughly before use. Apply to each load.</p>
<p>Porous Surfaces Treatment through Spraying Use Ceravida Fresh as a cleaner prior to treating porous materials; dirt, mold, mildew, fungi, or other organic matter must be thoroughly removed initially.</p> <p>Porous surfaces can be treated through spraying. The list of household porous surfaces is not exhaustive and includes textiles, bedding (pets included), pillows, curtains, linens, drapes, mattresses, upholstery, shoe soles, car and boat covers, vehicle interiors, awnings...To treat construction materials such as ceilings, lumber, wood, wallboards etc..., it is advised to use a sealant prior to Ceravida Fresh application for better sealed surfaces.</p>	<p>To treat porous surfaces, mix 10 [ounces] [fl. oz] of CERAVIDA FRESH per gallon of water and fill handheld spray bottle or other suitable sprayer. Apply CERAVIDA FRESH solution until thoroughly damp. One gallon of solution covers approximately 270 sq. ft. Allow to dry before use.</p> <p>For vehicle interiors, dilute 10 ounces[fl. oz] of CERAVIDA FRESH with 1 gallon of water, spray 3 [ounces] [fl. oz] of solution per average size car. Use more solution to cover larger vehicles.</p>
<p>Carpeting Indoor or Outdoor Carpets, indoors or outdoors alike, used in homes, offices, sport centers, hotels or other residential or commercial settings, are subject to bacteria, mold, mildew, and fungi. Every time carpets are cleaned, they should be treated with Ceravida Fresh to mitigate bacterial growth and maintain freshness.</p> <p>In gyms and sport centers, it is recommended to apply Ceravida Fresh once a week after each cleaning.</p>	<p>Mix 20 [ounces] [fl. oz] of CERAVIDA FRESH into one gallon of water. Apply to clean carpet as a spray or mist. One gallon of solution covers approximately 540 square feet of surface area. Allow carpet to dry before use. If carpets are made of heavier materials, mix 10 [ounces] [fl. oz] of CERAVIDA FRESH per gallon of water. Apply as a spray at a rate of 1 gallon of solution per 270 square feet.</p> <p>If less water is desired, mix at a rate of 12 [ounces] [fl. oz] of CERAVIDA FRESH per gallon of water and apply at a rate of one gallon of solution per 540 square feet. Allow to dry before use. Apply every three months.</p>
<p>Non-food Non-porous Hard Contact surfaces such as Vinyl, desks, windows, sealed kitchen countertops, laminated surfaces etc...</p>	<p>Areas to be treated with CERAVIDA FRESH must be thoroughly cleaned to remove dirt, mold, mildew, fungus, or other organic matter. CERAVIDA FRESH can be used as a cleaner</p>

<p>Non-food hard surfaces are subject to mold, bacterial, mildew and fungal growth if kept untreated. Ceravida Fresh can be used on interior and exterior non-porous surfaces as a spray or mist to mitigate this growth.</p>	<p>prior to subsequent treatment [application] with [of] CERAVIDA FRESH.</p> <p>To treat non-food hard contact surfaces, mix 10 ounces [fl. oz] of CERAVIDA FRESH per gallon of water and fill handheld spray bottle or other suitable sprayer.</p> <p>Apply CERAVIDA FRESH solution to surfaces until thoroughly wet. Avoid runoff. Allow to dry before use.</p>
<p>Athletic Laundry, Athletic Equipment, and Facilities</p> <p>Laundry: The weight room / athletic centers in general are subject to bacterial, mildew and fungal growth. For general athletic laundry, Ceravida Fresh can be used as a cleaner when running laundry to suppress this growth.</p> <p>Training equipments such as gloves, helmets, guards, shoulder pads, rib protectors, hockey sticks, shin guards... can be treated with Ceravida Fresh on a weekly basis.</p> <p>Fitness equipments and facilities surfaces Apply daily to exercise equipment. Apply daily to surfaces and mats. Apply weekly to lockers.</p>	<p>Run laundry through entire rinse cycle, and then re-set washer to final rinse cycle. Add CERAVIDA FRESH to fabric softener receptacle or directly onto laundry. Apply to each load. Laundry may be air-dried if desired. Dry thoroughly before use.</p> <p>Training equipments can be initially cleaned (or sanitized if required). Mix 10 [ounces] [fl. oz] of CERAVIDA FRESH into one gallon of water. Apply as a spray or mist until surface is completely moist. Apply weekly. Avoid runoff. Allow to dry thoroughly before use.</p> <p>Fitness equipments and facilities surfaces Clean initially (or sanitize if required). Mix 10 [ounces] [fl. oz] of CERAVIDA FRESH per gallon of water and apply as a spray, mist or wipe with soaked cloth until surface is thoroughly moist. Avoid runoff. Allow to dry thoroughly before use.</p>

Got questions?

Contact CERAVIDA at inquiries@cervaida.com for questions pertaining to specific manufacturing processes.

Mold Remediation and Mold Growth Prevention

Exposure to moldy environments may cause a variety of health issues. You are required to consult certified professional mold remediators as several states require a licensed professional with the proper PPE gear and experience to handle large moldy areas. For guidelines on mold cleanup, treatment, preventive containment, inspections etc, please consult the EPA website. You can also refer to <https://www.cdc.gov/mold/>, or your state’s Department of Health.

For applicators and remediators using Ceravida Fresh, or those who wish to develop a new remediation plan using Ceravida Fresh, please contact inquiries@ceravida.com for specific questions.

Have a certified mold inspector and/ or remediator handle you mold issues. For questions, send to inquiries@ceravida.com

Cleaning [Preparing the Surface] with CERAVIDA FRESH:

1. To prepare cleaning solution, mix 10-20 [ounces] [fl. oz] of CERAVIDA FRESH into one gallon of water. Use 10 [ounces] [fl. oz] /gallon for general cleaning and 10-20 [ounces] [fl. oz] per gallon for more [the most] severe applications.
2. Apply diluted CERAVIDA FRESH solution until area to be cleaned is thoroughly wet. Allow solution to sit [soak] [stand] for 1-2 minutes. [Thoroughly clean the material [area] to be treated by spraying this [solution] and letting it sit for 1-2 minutes.]
3. Wipe or scrub area to loosen mold [dirt] [soil] (organic matter)
4. Wipe with rag [cloth] to remove mold [dirt] [soil] [organic matter] from surface and dispose of rag [cloth]

Prepare your cleaning solution by mixing 10-20 [ounces] [fl. oz] of CERAVIDA FRESH into one gallon of water. Use 10 [ounces] [fl. oz] /gallon for general cleaning and 10-20 [ounces] [fl. oz] per gallon for severe applications.

Step 1: Clean and Protect:

For **small** affected moldy areas not exceeding 2.8 m² [30 sq ft], indentify mold growth causes such as hidden water leaks and fix them. Once the affected area is dry, it must then be thoroughly cleaned. Depending on the surface type, deep cleaning and scrubbing may be required using the right cleaner to remove mold and matter clinging to it. After stains are removed and scrubbed off, apply CERAVIDA FRESH ensuring the surface is wet. Once dry, you can reapply as an extra layer if needed. Allow the surface to dry.

For affected moldy areas that can be removed, apply Ceravida Fresh prior to removal to inhibit mold spores from drifting in the air. Remove the affected area such as a moldy sheet and replace with a new one.

For **larger** areas, identify the source of mold growth and stop any leaks. Clean the surfaces and allow them to dry. Treat with CERAVIDA FRESH until the surface is wet. One gallon will be enough to cover 270 sq ft on high absorbency porous surfaces. For non porous substrates, one gallon would treat up to 1300 sq ft. The higher porous is the substrate, the more solution is required. If surface are too

<p>Protecting the Surface with CERAVIDA FRESH:</p> <ol style="list-style-type: none"> 1. Mix 10-20 oz of CERAVIDA FRESH into one gallon of water. Use 10 [ounces] [fl. oz] / gallon for general cleaning and 10-20 [ounces] [fl. oz] per gallon for more [the most] severe applications. 2. Apply CERAVIDA FRESH solution to cleaned area until surface is thoroughly wet. 3. Allow area to dry completely to inhibit [prevent] future growth of mold [and] [or] [odor-causing bacteria]. 	<p>smooth and subject to solution run-off while being treated, opt for multiple applications using mists to prevent solution bleeding. Combine with the proper sealant for better results. Allow treated surfaces to dry.</p> <p><u>Step 2: Prevent future mold growth:</u></p> <ul style="list-style-type: none"> • Clean surfaces regularly to avoid organic matter buildup. • Moisture levels should be monitored based on the material, substrate or surface type. • Keep on water leaks and moisture sources. Use dehumidifiers as needed in humid areas
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Notes:

- Always test for staining in an inconspicuous area.
- CERAVIDA FRESH may be applied by hand sprayer, garden sprayer, airless/compression sprayer, cold-fogger, brush, roller, cloth, or immersion.

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. Offer for recycling if available or reconditioning. If appropriate, and dispose of in a sanitary landfill, or other procedures approved by state and local authorities.

WARRANTY STATEMENT

As its sole express warranty, G.Clo Inc. warrants that this product conforms to its chemical description and is reasonably fit for the purposes stated on the label only when used in accordance with directions and instructions specified on the label under normal conditions of use. Subject to applicable law, G.Clo Inc. neither makes nor authorizes any of its representatives, agents, distributors to make any warranty, express or implied, with regards to this product or for a particular use. Buyer or User assumes the responsibility for handling, using and storing this product in accordance with the label instructions. By no means can G.Clo Inc. or Seller be accountable for consequential damages or risks such as unintended results stemming from product misuse or failure to abide by the label's directions.

The terms of this Limited Warranty cannot be varied or exceeded by any agreements or statements, written or verbal and can, in no case, be altered by the Seller and their employees.

Produced by:

G.Clo Inc.

100, Maeyeo-ro, Dong-gu,

Daegu, Korea, 41064

OPTIONAL MARKETING BULLETS:**Use On:**

- Fibers, yarns and general textiles
- Apparel:
 - Athletic uniforms
 - Uniforms: military; law enforcement; nursing
 - Work attire
 - Athletic clothing
 - Body armour (bullet proof vests)
 - Lining
 - Babies wear
 - Bibs
 - Onesies
- Footwear:
 - Soles/insoles
 - Outer Shell
 - Lining
- Casual wear
 - Underwear
 - Baselayers
- Accessories
 - Socks
 - Protector
 - Hat
 - Beanie
 - Pet brushes, blankets
- Linens
 - Comforter
 - Pillow case
 - Mattress cover
 - Bedding sheet
 - Blankets
- Dining
 - Napkin
 - Place mat
 - Runner
 - Apron

- Athletic/Sports Equipment/Locker Rooms/Training Facilities:
 - Exercise equipment
 - Exercise mats
 - Wrestling mats/protective headgear
 - Blocking pads/dummies
 - Playing surfaces: wood, plastic, vinyl, carpet
 - All Athletic Equipment, head to toe
 - Sports equipment
 - Vehicle Interiors: all automobiles: (Cars, trucks, busses, trains, airplanes)
 - Boat interiors
 - Boat covers
 - Synthetic Turf
 - Synthetic Putting Greens
 - Indoor/outdoor carpet
 - Non-food hard contact surfaces
- **Use Outdoors:**
 - Vinyl siding
 - Vinyl fencing
 - Awnings
 - Outdoor Upholstery
 - Outdoor Furniture
 - Masonry sealed and/or painted
 - Wood: sealed and/or painted
 - Exterior Fabric Protectors
 - Carpet
 - **Use Indoors:**
 - Curtains, Drapes
 - Mattresses
 - Bedding Products
 - Wall Board: sealed and/or painted
 - Upholstery
 - Carpet
 - Locker room
 - Easy to use in laundry and a convenient spray bottle
 - Odor causing bacteria anti-microbial
 - Protects treated article from mold
 - Protects treated article from mildew.
 - Inhibits the growth of bacteria which may cause odor, stains, decay, deterioration or discoloration of the treated article.
 - Inhibits the growth of mold/mildew/fungi which may cause odor, stains, decay, deterioration or discoloration on the treated article.
 - CERAVIDA FRESH makes your cleaning program more effective.
 - Mold/Mildew Inhibitor
 - Inhibits the growth of mold and mildew

- Dries on the surface to create an invisible antimicrobial shield
- Acts as an invisible barrier to mold and mildew growth
- Creates a shield against mold and mildew
- Water resistant when dry
- Contains No Phosphates
- Ammonia free
- Bleach free
- Low Vocs
- Contains No Ammonia
- Contains No Butyl
- No fumes
- Indoor and Outdoor Use!
- Cleans and protects!
- Derived from crab shells
- Mold Cleaner and Protectant
- Reduces Mold Spores that could cause musty, mold and mildew related odors.
- Provides long lasting odor control
- Easy to use in laundry and a convenient spray bottle
- By-product of the fishing/crabbing industry
- Chitosan is commercially available for use in antimicrobial product from recycled crab, shrimp, and squid shells.
- Chitosan is commercially available for use in antimicrobial products from recycled shrimp shells.
- Chitosan, the active ingredient in CERAVIDA FRESH, is commercially produced from recycled crab shell waste.
- Chitosan, the active ingredient in CERAVIDA FRESH, is commercially produced from recycled crab, shrimp and squid shell waste.
- Chitosan, the active ingredient in CERAVIDA FRESH is derived from waste snow crab shells.
- Chitosan, the active ingredient in CERAVIDA FRESH is derived from waste shrimp shells.
- Chitosan, the active ingredient in CERAVIDA FRESH is derived from waste squid shells.
- Chitosan (Poly-D-Glucosamine) is a polysaccharide, a long chain of glucose molecules.
- CERAVIDA FRESH is formulated with chitosan, a glucose polymer.
- CERAVIDA FRESH is formulated with chitosan, a polysaccharide.
- CERAVIDA FRESH is formulated with chitosan, a crab shell constituent.
- Crab shell waste is a commercial source of Chitosan.
- CERAVIDA FRESH is formulated with chitosan, a structural component of crab shells.
- CERAVIDA FRESH is formulated with chitosan, a structural component of shrimp shells.
- CERAVIDA FRESH is formulated with chitosan, a structural component of squid shells.
- Active ingredient is chitosan
- Antimicrobial made from chitosan
- Chitosan-based antimicrobial
- Antimicrobial made from chitin
- Chitin-based antimicrobial
- Antimicrobial for odor-causing fungi
- Antimicrobial for mold

- Antimicrobial for mildew
- Antimicrobial for odor-causing mold
- Antimicrobial for odor-causing mildew
- Use in boats, cruise ships, homes, attics, basements, laundry rooms, closets, institutions, business, schools, health clubs, transportation terminals, and recreational vehicles (RVs), apartments, workshops, trailers, carports, porches, camping equipment, and other household areas.

For a comprehensive evaluation of Chitin and Chitosan, additional documents can be found in EPA's public docket (EPA-OPP-2007-0566), Chitin case 6063 at www.regulations.gov.