

LICENSED

PERIOD 2015-2017 LIC. NO.

8765.8



By-product of the  
crabbing industry

# Clear Shell™

## Mold & Mildew Inhibitor

Indoor/Outdoor Use  
Long lasting protection



KEEP OUT OF REACH OF CHILDREN.

### CAUTION

See back panel for additional precautionary statements and first aid.

MANTÉNGASE FUERA DEL ALCANCE DE LOS NIÑOS.

### ADVERTENCIA

Vea el panel posterior para instrucciones preventivas adicionales.

NET CONTENTS: 32 fl. oz. (946 ml)

SHKZUCSM32B 9-13

EPA Reg. No. 81446-2-40849  
EPA Est No. 40849-GA-1

### ACTIVE INGREDIENT:

Chitosan .....	0.3%
OTHER INGREDIENTS: .....	99.7%
Total .....	100.0%

booklet  
label  
adheres  
here

**Zep Commercial® Clear Shell™ Mold & Mildew Inhibitor**  
**Antimicrobial for Textiles and Surfaces: Inhibits Growth and Odor from Bacteria, Mold, Mildew and Fungi.**  
**PROTECTS TREATED ARTICLES FROM MOLD AND MILDEW.** Acts as an invisible barrier to mold and mildew growth. Prevents bacterial growth. The product contains No Ammonia, Bleach, Butyl, or Phosphates. It is a Low VOC product.  
**Zep Commercial Clear Shell is Ready To Use Indoors and Outdoors!**

**Use On:** apparel, athletic equipment, exercise equipment, vehicle interiors, boats, indoor and outdoor carpet, vinyl siding, awnings, outdoor upholstery and furniture, curtains, bedding, laundry, and more.

#### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Clear Shell is intended as a treatment in order to give antimicrobial and antifungal activity to the treated materials. Clear Shell inhibits the growth of non-public 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 Clear Shell may not make claims of antimicrobial activity other than the protection of the treated material against the growth of bacteria, mold, mildew and fungi that cause odor, stains, discoloration, decay, and deterioration in or on the treated product. See 40 C.F.R.152.25 (a) for further guidance about treated article claims.

#### DOMESTIC USES

**As A Cleaner:** Clear Shell may be used as a cleaner to remove odor-causing bacteria, mold, mildew, and other organic matter from surfaces prior to subsequent treatment to inhibit bacterial and fungal mold growth on those surfaces or materials. Thoroughly clean the material to be treated by spraying this product and letting it sit for 1-2 minutes. Wipe or scrub clean.

**Note: Always test for staining in an inconspicuous area. Clear Shell should not stain articles not stained by water alone.**

**Laundry: As an after wash treatment for clothing, linens, uniforms, textiles in general:** Remove laundry from washer after final spin cycle. Spray each article with Clear Shell solution. Clear Shell may also be applied to articles which have been previously washed and dried. Dry treated articles thoroughly before use.

v.082614  
LBLZUCSM32BD • Copy 12-14 • Made in USA  
EPA Reg. No. 81446-2-40849 • EPA Est No. 40849-GA-1  
**Product Code: ZUCSM32**  
Distributed by:  
Zep Commercial Sales & Service, a unit of Zep Inc.  
1310 Seaboard Ind. Blvd., Atlanta, GA 30318  
Questions? Call 1-888-805-4357, Mon.- Fri., 9 am to 5 pm EST



**PEEL  
HERE**  
for Precautionary  
Statements

**Application Methods:** Clear Shell may be applied by hand sprayer, cloth or immersion.

**Porous Surfaces: As a spray for textiles, paper and other porous surfaces such as but not limited to: awnings, bedding, car covers, boat covers, curtains, drapes, linens, mattresses, pet bedding, pillows, shoes, umbrellas, upholstery, vehicle interiors, textile wall partitions and other household materials.**

**See section titled "Cleaning with Clear Shell" for instructions in using Clear Shell as a cleaner.** Apply Clear Shell until the surface is thoroughly damp. 32 fl. oz. of solution covers approximately 67.5 sq. ft. Allow to dry before use.

**Non-Food Hard Contact Surfaces: As a spray or mist for non-food hard contact surfaces, such as, but not limited to: fiberglass, metal, vinyl, garbage cans, laminated surfaces, desks, window sills and other interior and exterior surfaces:** Areas to be treated with Clear Shell must be thoroughly cleaned to remove dirt, mold, mildew, fungi, or other organic matter. Clear Shell can be used as a cleaner prior to subsequent application of Clear Shell.

**See section titled "Cleaning with Clear Shell" for instructions in using Clear Shell as a cleaner.**

**For substrates that are prone to beading and significant run-off, such as vinyl and sealed and/or painted surfaces,** the use of a sealant such as BacCote (Chemtex Labs 800-532-5361) in combination with Clear Shell will improve coverage, reduce runoff and provide a sealed surface. Very small droplets such as in fine sprays, mists and fog will minimize run-off. Several light applications rather than one heavy application will reduce run-off.

After all foreign matter is removed from surface, apply Clear Shell evenly to surfaces until thoroughly wet. Avoid runoff. Allow sprayed surfaces to dry completely before re-use.

#### Cleaning with Clear Shell

1. Apply Clear Shell until area to be cleaned is thoroughly wet.
2. Wipe or scrub area to loosen mold/dirt/soil/organic matter.
3. Wipe with cloth to remove mold/dirt/soil/organic matter from surface and dispose of cloth

#### Protecting the Surface with Clear Shell

1. Apply Clear Shell to cleaned area until surface is thoroughly wet.
2. Allow area to dry completely to inhibit future growth of mold and/or odor causing bacteria.

#### Prevention of Future Growth

1. Monitor and maintain moisture levels at or below 17% in wood and other cellulosic materials
2. Minimize high humidity levels in areas such as crawl spaces. De-humidifiers may be beneficial in high humidity areas. If dehumidifiers are used, make certain drain lines are piped to the outside.
3. Eliminate sources of water intrusions.
4. Keep surfaces free of dust, dirt and other organic matter where feasible.

#### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

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

#### 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 to receive treatment.

#### FIRST AID

#### 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.

#### 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.

Triple rinse as follows: Empty remaining contents into application equipment or mix tank and drain for 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.

#### NOTICE OF WARRANTY

Zep, 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. Zep, 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 Zep, 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 Zep, 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.

v.082614

**Product Code: ZUCSM32**

Distributed by: Zep Commercial Sales & Service, a unit of Zep Inc.

1310 Seaboard Ind. Blvd., Atlanta, GA 30318

Questions? Call 1-888-805-4357, Mon.- Fri., 9 am to 5 pm EST

EPA Reg. No. 81446-2-40849

EPA Est No. 40849-GA-1

**NET CONTENTS: 1 Qt. (946 ml)**



Creates A Shield  
Against Mold  
& Mildew



By-product of the  
crabbing industry

# Clear Shell™

## Mold & Mildew Inhibitor

Indoor/Outdoor Use  
Long lasting protection



KEEP OUT OF REACH OF CHILDREN.

### CAUTION

See back panel for additional precautionary statements and first aid.

NET CONTENTS: ONE GALLON (128 fl oz /3.78L)

EPA Reg. No. 81446-2-40849  
EPA Est No. 40849-GA-1

#### ACTIVE INGREDIENT:

Chitosan ..... 0.3%

OTHER INGREDIENTS: ..... 99.7%

Total ..... 100.0%



Department of Agriculture  
STATE OF HAWAII

**LICENSED**

PERIOD **2015-2017** LIC. NO.

**8765.8**

LBLZUCSM128FC 2/15

**Zep Commercial® Clear Shell™  
Mold & Mildew Inhibitor**

**Antimicrobial for Textiles and Surfaces: Inhibits Growth and Odor from Bacteria, Mold, Mildew and Fungi**

**PROTECTS TREATED ARTICLES FROM MOLD AND MILDEW.** Acts as an invisible barrier to mold and mildew growth. Prevents bacterial growth. The product contains No Ammonia, Bleach, Butyl, or Phosphates. It is a Low VOC product.

**Zep Commercial Clear Shell is Ready-To-Use Indoors and Outdoors!**

**Use On:** apparel, athletic equipment, exercise equipment, vehicle interiors, boats, indoor and outdoor carpet, vinyl siding, awnings, outdoor upholstery and furniture, curtains, bedding, laundry, and more.

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Clear Shell is intended as a treatment in order to give antimicrobial and antifungal activity to the treated materials. Clear Shell inhibits the growth of non-public 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 Clear Shell may not make claims of antimicrobial activity other than the protection of the treated material against the growth of bacteria, mold, mildew and fungi that cause odor, stains, discoloration, decay, and deterioration in or on the treated product.

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

**DOMESTIC USES**

**As A Cleaner:** Clear Shell may be used as a cleaner to remove odor-causing bacteria, mold, mildew, and other organic matter from surfaces prior to subsequent treatment to inhibit bacterial and fungal mold growth on those surfaces or materials. Thoroughly clean the material to be treated by spraying this product and letting it sit for 1-2 minutes. Wipe or scrub clean.

**Note: Always test for staining in an inconspicuous area. Clear Shell should not stain articles not stained by water alone.**

**Laundry: As an after wash treatment for clothing, linens, uniforms, textiles in general:** Remove laundry from washer after final spin cycle. Spray each article with Clear Shell solution. Clear Shell may also be applied to articles which have been previously washed and dried. Dry treated articles thoroughly before use.

**Application Methods:** Clear Shell may be applied by hand sprayer, garden sprayer, airless/compression sprayer, cold-fogger, steam cleaner, brush roller, cloth or immersion. For all applications use RTU product in place of water to fill the applicator reservoir.

PEEL HERE  
for Precautionary Statements



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EPA Reg. No. 81446-2-40849 • EPA Est No. 40849-GA-1

**Product Code: ZUCSM128**

Distributed by: Zep Commercial Sales & Service, a unit of Zep Inc.

1310 Seaboard Ind. Blvd., Atlanta, GA 30318

Questions? Call 1-888-805-4357, Mon.- Fri., 9 am to 5 pm EST

**Porous Surfaces:**

**As a spray for textiles, paper and other porous surfaces such as but not limited to: awnings, bedding, car covers, boat covers, curtains, drapes, linens, mattresses, pet bedding, pillows, shoes, umbrellas, upholstery, vehicle interiors, textile wall partitions and other household or construction materials.**

Construction materials such as paper, ceilings, wood, wallboard, masonry, particle board, and other building materials must be sealed and/or painted before applying Clear Shell. The use of a sealant such as BacCote (Chemtex Labs 800-532-5361) in combination with Clear Shell will provide a sealed surface. Areas to be treated with Clear Shell must be thoroughly cleaned to remove dirt, mold, mildew, fungi, or other organic matter. Clear Shell can be used as a cleaner prior to subsequent treatment with Clear Shell.

**See section titled “Cleaning with Clear Shell” for instructions in using Clear Shell as a cleaner.**

Apply Clear Shell until the surface is thoroughly damp. One gallon of solution covers approximately 270 sq. ft. Allow to dry before use.

**Carpeting (indoor and outdoor):** Apply to clean carpet as a spray or mist. One gallon of solution covers approximately 270 square feet of surface area. Allow to dry before use.

In homes, offices, commercial, industrial and hospitality settings apply Clear Shell each time carpet is cleaned or as needed for odors due to mold, mildew, fungi, or bacteria. Re-apply Clear Shell after each carpet cleaning.

In athletic facilities, carpet must be cleaned regularly and Clear Shell applied weekly.

**For heavier weight carpets (such as synthetic turf):** Apply Clear Shell as a spray at a rate of 1 gallon of solution per 270 square feet of synthetic turf. Allow to dry before use. Apply every three months.

**Vehicle interiors:** Spray 3 fl. oz. of Clear Shell per average size car. Use more solution to cover larger vehicles.

**Non-Food Hard Contact Surfaces: As a spray or mist for non-food hard contact surfaces, such as, but not limited to: fiberglass, metal, vinyl, garbage cans, laminated surfaces, desks, window sills and sealed and/or painted surfaces (such as masonry, particle board, and wood), and other interior and exterior surfaces.** Areas to be treated with Clear Shell must be thoroughly cleaned to remove dirt, mold, mildew, fungi, or other organic matter. Clear Shell can be used as a cleaner prior to subsequent application of Clear Shell.

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**For substrates that are prone to beading and significant run-off, such as vinyl and sealed and/or painted surfaces,** the use of a sealant such as BacCote (Chemtex Labs 800-532-5361) in combination with Clear Shell will improve coverage, reduce runoff and provide a sealed surface. Very small droplets such as in fine sprays, mists and fog will minimize run-off. Several light applications rather than one heavy application will reduce run-off.

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**Cleaning with Clear Shell**

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3. Wipe with cloth to remove mold/dirt/soil/organic matter from surface and dispose of cloth

**Protecting the Surface with Clear Shell**

1. Apply Clear Shell to cleaned area until surface is thoroughly wet.
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**Prevention of Future Growth**

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**ENVIRONMENTAL HAZARDS**

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**STORAGE AND DISPOSAL**

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**CONTAINER DISPOSAL:** Non-refillable container. Do not reuse or refill this container.

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**NOTICE OF WARRANTY**

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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.

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