

WHERE TO APPLY

Caliwel™, an ultimate new antimicrobial* surface coating, is ideal for use in homes, offices, hospitals, clean rooms, nurseries, schools and other environments where coatings should be free from deterioration and stains caused by the microorganisms: odor-causing bacteria, mold, mildew, algae, and fungi. Caliwel™ can be applied to most typical surfaces where the increased growth of such microorganisms on surface coatings is not desired. Recommended surfaces include: standard building materials such as drywall, plaster, concrete, wood and ceiling materials. Caliwel™ is not recommended for use on food preparation surfaces or heavy traffic flooring materials.

WHAT IT DOES



Utilizing an EPA approved antimicrobial agent, Caliwel™ is specifically engineered to resist the growth of these common indoor microorganisms: odor-causing bacteria, mold, mildew, algae, and fungi on the coating's surface. Effective minutes after application, Caliwel's™ Bi-Neutralizing Agent (BNA™), a microencapsulated matrix system, creates a surface coating that inhibits the growth of these unpleasant microorganisms upon the coating's surface long after it is applied.

Odor-Causing Bacteria – BNA™, a specially formulated and patent-protected microencapsulated calcium hydroxide matrix system, inhibits the growth of odor-causing bacteria on the Caliwel™ surface coating.

Mold and Mildew – Caliwel™ with BNA™ creates a surface coating that resists the growth of mold and mildew. It is recommended for use in high humidity areas, where mold and mildew growth is common.

Algae and Fungi – BNA™ also protects the Caliwel™ surface coating from deterioration and damage caused by algae and fungi.

HOW IT WORKS



Caliwel™ maximizes the antimicrobial and preservative properties of a mineral called **calcium hydroxide**. Also known as **hydrated lime**, calcium hydroxide is widely used in medicines, foods, and commercial applications. Calcium hydroxide's high alkalinity protects the Caliwel™ surface coating by inhibiting the growth of the microorganisms: odor-causing bacteria, mold, mildew, algae, and fungi on the coating's surface.

Caliwel's™ patented BNA™ technology safely stabilizes calcium hydroxide. BNA™ specifically protects hydrated lime from atmospheric degradation, thereby preserving its antimicrobial* potency long after it is applied in surface coatings. BNA™ significantly prolongs the life of calcium hydroxide and keeps Caliwel™ active for years. Caliwel™ is environmentally friendly, water-based, odorless and **contains no Volatile Organic Compounds (VOC)**. Caliwel™ is made of pure binders and the finest pigments.

DIRECTIONS FOR USE



Do not use this product in a manner inconsistent with its labeling.

Caliwel™ must be stirred before use. Do not shake the product. Apply two or more coats as needed to create a smooth, even coating. For the best results, surfaces to be coated with Caliwel™ should be pre-cleaned, dry and free from dirt, grease, and oil. Patch, repair and clean substrates: remove dirt, grit, sanding dust, loose paint and/or other surface materials, grease, oil, temporary protective coatings, contamination, other foreign materials. Sand with 100 grit or finer sand paper, spackle, putty and caulk existing surfaces to produce smooth and uniform substrates. Touch-up painted or primed surfaces with a suitable primer. If required, use primers compatible with latex top finishes. Do not brush over the same surface more than two or three brush or roll strokes. Allow a minimum of 4 hours before applying the second coat. Caliwel™ will cover approximately 250 sq. ft. per gallon, depending on the surface treated. Apply Caliwel™ between 50° and 90°F. For the best results, Caliwel™ should be at room temperature prior to application. Do not apply below 50°F. Store containers away from freezing temperatures. Apply in even coats.

DO NOT MIX WITH OR ADD ANY PAINTS OR PAINT THINNERS TO CALIWEL™. Such action could have adverse effects on the antimicrobial* performance of the formulation. Use airless sprayer, brush or roller for the application. Avoid use of sponge roller or sponge brush. Use 3/8" nap cover for smooth surfaces. Thinning with water is not recommended. If adding water, use distilled water only. Film will dry to touch within 15 min. The surface can be recoated after 4 hours. High humidity may prolong drying time. Treated surfaces can be washed with water and mild soap after 30 days. Clean up spills immediately with soap and water. Clean application equipment with soap and water. When removing stains, dirt and marks, use a soft cloth or sponge with water or mild general-purpose household cleaner. Do not use an abrasive cleaner or scrub-brush to remove stains.

*Caliwel™ contains an antimicrobial active ingredient – calcium hydroxide, that protects both the liquid coating and the dried coating's surface.

PRECAUTIONARY STATEMENTS

Environmental Hazards. Do not contaminate water when disposing of equipment wash waters or rinse. See Storage and Disposal section for details.

Hazard to Humans

DANGER! CORROSIVE.

In severe cases, when in contact with eyes, may cause irreversible eye damage. Do not get in eyes or on clothing. Wear protective eyewear at all times when preparing, applying or otherwise using Caliwel™ (goggles, face shield or safety glasses). Avoid direct contact with skin while applying. Avoid breathing vapors, spray, mist or sanding dust. When sanding wear a dust mask. If applying the coating indoors, open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headache, or dizziness, or if air monitoring demonstrates increased vapors or mist wear an appropriate, properly fitted respirator (NIOSH/NSMH approved or equivalent) during application. Follow respirator manufacturer's directions for use.

FIRST AID

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. Inform medical personnel that Caliwel™ contains calcium hydroxide – a strong alkaline material.

If on skin

- Rinse sensitive skin immediately with plenty of water for about 5 minutes.
- Call a poison control center or doctor for treatment advice as necessary.

If in eyes

- Hold eye open and rinse slowly and gently with water for about 5 minutes. Remove contact lenses if present. Continue rinsing eye if irritation is present, or contact doctor for treatment.
- Call a poison control center or doctor for treatment advice immediately if eyes remain irritated or if vision is blurry.

If swallowed

- Call a poison control center or doctor immediately for treatment advice.
- Drink promptly a large quantity of milk, eggwhites, gelatin solution, or if these are not available, drink large quantities of water. Avoid alcohol.
- Do not induce vomiting.
- Do not give anything by mouth to an unconscious person.

NOTE TO PHYSICIAN

Probable mucosal damage may contraindicate the use of gastric lavage. Treat as alkaline contact.

**DO NOT TAKE INTERNALLY
KEEP OUT OF REACH OF CHILDREN
IN CASE OF EMERGENCY CALL YOUR LOCAL EMERGENCY MEDICAL CENTER
THIS PRODUCT CONTAINS 0g PER LITER VOC**

STORAGE AND DISPOSAL

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

Storage: Keep container tightly sealed. Store in cool, dry place. Keep it from freezing.

Disposal: Product that cannot be used according to label instructions must be disposed of according to applicable Federal, State, and local government procedures. Contact the State officials or EPA Hazardous Waste representative at nearest EPA regional office. **Container Disposal:** Triple rinse, 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.

WARRANTY AND LIMITATION OF DAMAGES

Alistagen Corporation makes no warranties, expressed or implied, concerning this product or its use, which extend beyond the description on the label. Read all directions and cautions carefully.



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CORPORATION

NEW!

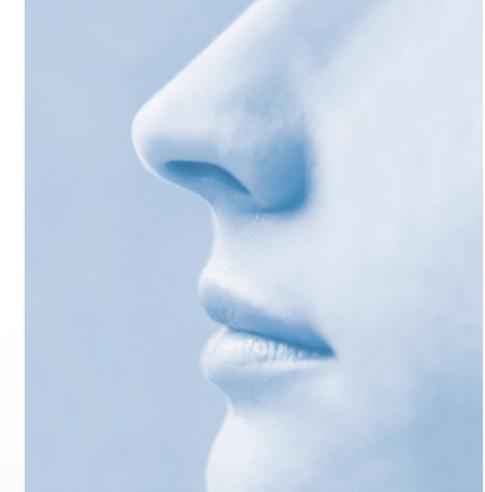
Caliwel™

ANTIMICROBIAL* SURFACE COATING

*Caliwel™ contains an antimicrobial active ingredient – calcium hydroxide, that protects both the liquid coating and the dried coating's surface.

KEEP OUT OF REACH OF CHILDREN

DANGER! See side panel for precautionary statements and First Aid directions.



Caliwel™ is a new, revolutionary antimicrobial* surface coating specially designed to inhibit the growth of the microorganisms: odor-causing bacteria, mold, mildew, algae, and fungi on the coating's surface. When applied to walls and other surfaces, Caliwel™ provides a strong and long lasting coating that both resists the growth of these common microorganisms and guards against the damage and deterioration these microorganisms can cause on the coating's surface.



If they are not controlled or eliminated, common microorganisms: odor-causing bacteria, mold, mildew, algae, and fungi can increasingly grow on many indoor surfaces.



Caliwel's™ **Bi-Neutralizing Agent (BNA™)** resists the growth of odor-causing bacteria, mold, mildew, algae, and fungi on the coating surface through its multipatented antimicrobial* process.



Caliwel™ is ideal for homes, offices, hospitals, nurseries, clean rooms, schools and other environments where the coating's surface can be damaged by odor-causing bacteria, mold, mildew, algae, or fungi.

5 Gallons 18.925 Liters

ACTIVE INGREDIENT:

Hydrated Lime
(calcium hydroxide) 18.7%
EPA Reg. No. 73696-2
EPA Est. No. 74842-NC-001

OTHER INGREDIENTS:

CAS No.	Ingredients
7732-18-5	Water
13463-67-7	Titanium Dioxide
Unknown	Proprietary Latex Copolymer
1305-62-0	Calcium Hydroxide
1317-65-3	Calcium Carbonate
	Proprietary BNA

This product contains 0g per liter VOC

MANUFACTURED BY:

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5 U.S. Gallons 18.925 L

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