

66243-2

8/5/2003

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

AUG - 5 2003

Mr. Rob R. Adams, Jr.
Agent
Clean Control Corporation
c/o Adams Technology Systems
5145 Forest Run Trace - Suite B
Alpharetta, GA 30022-4504

Subject: Odo Ban
EPA Registration No. 66243-2
Application Date: 5/5/03
Receipt Date: 5/7/03

Dear Mr. Adams:

The following amendment, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, is acceptable with comments.

Response to PR Notice 2001-1
Updated First Aid Statements

DEFICIENCIES

1. On page 3 of the label, delete the word "Biodegradable and Contains biodegradable active ingredients" from the label. Also, on the same page in the ninth paragraph, delete words "the spread of harmful germs" and add the words "cross-contamination". The words "all hard", insert the word "treated" between them.
2. On page 4, in the sixth paragraph, add the sentences "exterior surfaces of refrigerators and exterior surfaces of microwaves" to the label.
3. On page 4, insert for Animal sites/Veterinary Clinics, the following directions must be incorporated on the label: For cleaning and disinfecting the following hard nonporous surfaces: Equipment, utensils, instruments, cages, kennels, stables, stalls and catteries. Remove all animals and feeds from premises, animal transportation vehicles, crates, etc. Remove all litter, droppings and manure from floors, walls and surfaces of facilities occupied or transversed by animals. Thoroughly clean all surfaces with soap or detergent and rinse with water. Saturate surfaces with a use solution of 3 ounces per 5 gallons (450 ppm active quat) of water (or equivalent dilution) for a period of 10 minutes. Ventilate

SYMBOL							
SURNAME	Jones						
DATE	8-5-03						

until treatment has been absorbed, set or dried. Thoroughly scrub all treated feed racks, automatic feeders, waterers, and other equipment which dispenses food or water with soap or detergent, and rinse with potable water before reuse.

4. On page 5, delete the following sentence from the second paragraph: for disinfection against bacteria and fungi or 60 seconds for disinfection against viruses, from the label. On the same page, under "Sanitizer/Virucidal directions" delete "Virucidal" and "disinfecting against viruses". Also, delete the entire "Virucidal directions" from the label which is on the same page.
5. On page 6, under "Contact Time", insert the words "and viruses" between fungi and claimed.

GENERAL COMMENTS

Should you have any questions or comments concerning this letter, you may contact Zenobia Jones at (703) 308-6198.

Sincerely,



Velma Noble
Product Manager 31
Regulatory Management Branch 1
Antimicrobial Division (7510C)

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ODO-BAN

Disinfectant, Cleaner, Mildewstat, Virucide*, Fungicide,
 Sanitizer, Kills 99.99% of Germs† in 60 seconds,
 Kills Viruses* in 60 seconds, Virucidal* in 60 seconds,
 Multi-Purpose, Deodorizer, Eliminates Odors, Odor Counteractant,
 Multi-Purpose Cleaner, All-Purpose Cleaner, Concentrate, Odor Control
 Eucalyptus Fragrance, Natural Eucalyptus Scent, Cool Breeze Scent (*Alternate formulations with fragrance only*),
 Cuts Grease / Cuts Grease and Grim, Non-streaking / Streak-Free, Triple Action Formula
 Antibacterial, Virucidal*, Bactericidal, Deodorant,
 Odor Eliminator & Disinfectant,
 For Hospitals, Household, Institutional and Industrial Use,
 For Farm, School, Dairy, Restaurant, Bar, and RV Use,
 For Landfill, Dumpster, and Fire Restoration Use,
 Kills *Pseudomonas aeruginosa*, *Salmonella choleraesuis*, *Staphylococcus aureus*,
 HIV-1 (AIDS Virus), and *E. coli* 0157:H7

Active Ingredients

Alkyl (C₁₄ 50%, C₁₂ 40%, C₁₆ 10%) dimethyl
 benzyl ammonium chloride..... 2.00%

Inert Ingredients 98.00%

Total Ingredients 100.00%

KEEP OUT OF REACH OF CHILDREN

DANGER

See left panel for precautionary statements

EPA Registration No. 66243-2
 EPA Establishment No. 66243-GA-1
 Net Contents: _____ fl. oz.

ACCEPTED
 with COMMENTS
 in EPA Letter Dated:
 AUG 5 2003

Manufactured by:
 CLEAN CONTROL CORPORATION
 PO Box 7444
 Warner Robins GA 31095

Under the Federal Insecticide,
 Fungicide, and Rodenticide Act as
 amended, for the pesticide,
 registered under EPA Reg. No. **66243-2**

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(WHERE TO USE)

Cross-contamination is of major housekeeping concern not only in hospitals, but in schools, institutions, and industry. **ODO-BAN** has been formulated to aid in the reduction of cross-contamination in these areas.

When used as directed, **ODO-BAN** will deodorize surfaces in toilet areas, behind and under sinks and counters, garbage cans and garbage storage areas, and other places where bacterial growth can cause malodors.

ODO-BAN reduces the surface tension of water, improving its wettability. Microbes are capable of mass production in sub-visible pores and cracks of surfaces.

The excellent wettability of **ODO-BAN** improves penetration into areas that otherwise might not be reached.

ODO-BAN cleans, shines, deodorizes, and disinfects (and sanitizes) all pre-cleaned hard non-porous household surfaces, inhibits the growth of mold and mildew, leaving bathrooms clean and smelling fresh.

ODO-BAN is a kitchen, bathroom, and household disinfectant. It cleans, disinfects, and deodorizes most hard, non-porous surfaces leaving your house with a clean, fresh scent.

ODO-BAN can be used with a mop and bucket, trigger sprayer, sponge, or by soaking.

ODO-BAN is ideal for kitchens, bathrooms, and other household areas.

Use **ODO-BAN** on the multi-touch surfaces responsible for cross-contamination.

ODO-BAN is safe to use on most washable surfaces. Test a small area on surfaces first.

ODO-BAN is a neutral pH, multi-surface cleaner and deodorizer.

ODO-BAN cleans rodent soiled areas.

ODO-BAN cuts through tough grease and grime.

ODO-BAN cleans and deodorizes pet stains.

ODO-BAN mixes with water to form clear stable solutions.

ODO-BAN eliminates unpleasant odors on washable surfaces such as upholstery, carpets, bedding, showers, walls, and floors while leaving a fresh scent. **EXCELLENT FOR FIRE RESTORATION.**

ODO-BAN is a multi-surface cleaner, deodorizer, disinfectant, and sanitizer with a multitude (variety) of uses.

ODO-BAN maximizes labor results by effectively controlling and eliminating industrial, institutional, recreational, farm and waste odors.

ODO-BAN is an instant-action air freshener.

Add **ODO-BAN** to the rinse cycle to leave laundry clean and fresh-smelling.

ODO-BAN eliminates smoke odors and is excellent for fire restoration.

ODO-BAN eliminates odors caused by bacteria, mildew, and non-fresh foods on hard non-porous surfaces. It is not a masking agent.

This Industrial Liquid Odor Destroyer (Eliminator) Leaves No Residue and has a Multitude (Variety) of Uses: Odor removal from urine, mildew, smoke, pets, sewage backup, and decaying organic matter. **INSTANT-ACTION AIR FRESHENER.**

This industrial strength odor destroyer (eliminator) is effective at neutralizing odors caused by mildew, pets, smoke, urine, vomit, garbage, restrooms, organic matter.

ODO-BAN is an industrial liquid odor destroyer (eliminator) and disinfectant which leaves no residue, contains no dyes, phosphorous or phosphates, has a neutral pH, and contains biodegradable active ingredients.

ODO-BAN contains an original scent of Eucalyptus and 67 exotic wild flowers. *(Alternate formulations with fragrance only)*

Use **ODO-BAN** after cooking for a cleaner, fresher household.

Use **ODO-BAN** to eliminate food odors like garlic and onion from kitchen surfaces.

ODO-BAN is a balanced formulation synergistically combining Clean Control's true odor counteractants with a nonionic synthetic detergent, a quaternary ammonium compound, organic chelates, and coupling agents...for effective cleaning and deodorizing when used as directed.

ODO-BAN is effective at controlling mold and mildew odor on mattresses, pillows and shower curtains.

ODO-BAN may be used as a cleaner where true odor counteraction is also indicated.

ODO-BAN is an exclusive TRIPLE ACTION formula that cleans, disinfects, and deodorizes. For use on most household surfaces, **ODO-BAN** effectively removes soils and greasy buildup.

Use **ODO-BAN** on floors, tables, chairs, bathroom bowls, basins, counter tops, doorknobs and handles, and glass surfaces including windows and mirrors.

Use **ODO-BAN** in kitchens, bathrooms and other household areas.

ODO-BAN is recommended for non-scratch cleaning of showers and tubs, shower doors and curtains, fixtures, and toilet bowls.

ODO-BAN use-solutions are non-corrosive and non-staining to plastic, vinyl, synthetics, enamel, tile, and most common metals.

ODO-BAN rinses spot free. Its superior rinsing qualities makes it particularly suitable for linoleum, rubber, sealed cork, vinyl and asphalt tile floors, marble, and terrazzo.

ODO-BAN is effective at eliminating odors on porous surfaces such as upholstery, drapes, carpets, bedding, shower curtains, and mattresses and non-porous surfaces such as walls and floors. Affected areas should be saturated with enough **ODO-BAN** to remain damp for at least ten minutes. **EXCELLENT FOR FIRE RESTORATION.**

ODO-BAN cleans and deodorizes porcelain, tiling, grouting, stainless steel, enameled surfaces, woodwork, Formica, leather, vinyl, and plastic.

Use **ODO-BAN** on counter tops, stoves, shower stalls, bed frames, and vinyl, and plastic upholstery.

- For use in households
- Eliminates Odors
- With Eucalyptus and 67 Exotic Wildflowers
- Contains no dyes. Dye Free.
- Biodegradable
- Concentrated - One gallon makes up to 32 gallons
- Replaces 72 -10oz. Aerosol Cans
- Original Scent: Eucalyptus and 67 exotic wild flowers
- Original Eucalyptus Scent
- This product contains no phosphorous.
- Trigger Spray / Pump Spray
- Terminodor
- Odor Eliminator & Disinfectant
- This is not a masking agent.
- Contains no phosphates.
- Contains biodegradable active ingredients.
- Solutions for Cleaning Problems
- Solutions for Odor Problems
- Logical Solutions
- Mix Only with Water
- Exclusive Products of:
- Another Exclusive Product from:
- Commercial Products

ODO-BAN is a Hospital Disinfectant Cleaner that is effective against a wide variety of Gram positive and Gram negative bacteria. It is also an excellent deodorant and leaves a clean fresh odor.

ODO-BAN effectively controls mold and mildew and inhibits the growth of mold and mildew.

Use **ODO-BAN** in and around bathtubs and shower stalls to prevent the growth of mold and mildew.

Use **ODO-BAN** in basements to eliminate odors caused by mold and mildew and to prevent the growth of mold and mildew.

Use **ODO-BAN** to pre-clean critical or semi-critical medical devices prior to sterilization or high-level disinfection.

ODO-BAN deodorizes by killing many microorganisms that cause offensive odors on hard non-porous surfaces.

ODO-BAN kills common household germs[†] and bacteria while it cleans up everyday kitchen messes.

ODO-BAN kills odor causing germs[†] and bacteria in the kitchen and bathroom.

ODO-BAN kills common household germs[†] and helps prevent the spread of harmful germs on all hard, non-porous kitchen, bathroom, and household surfaces.

Use **ODO-BAN** to disinfect hair-grooming tools like scissors, combs, brushes, razors, clipper blades, manicure implements, and other non-porous instruments.

ODO-BAN sanitizes non-food contact household surfaces in 60 seconds. A rinse is recommended for surfaces in direct contact with food such as countertops and stovetops.

ODO-BAN should not come in direct contact with food.

ODO-BAN can help prevent cross-contamination when used as a sanitizer on non-food contact surfaces in restaurants, kitchens, canteens, and food processing facilities.

ODO-BAN eliminates foul back draft odors from sink disposals and floor drains.

ODO-BAN eliminates odors from work uniforms, overalls, sports clothing, and towels.

ODO-BAN controls laundry malodors, softens, and eliminates static cling when added to the laundry rinse cycle.

ODO-BAN may be used in hospitals, homes, medical and dental offices, nursing homes, day care centers, nurseries, restaurants and bars, cafeterias, institutional facilities, public restrooms, institutions, schools, athletic facilities, camp grounds, play grounds, public facilities, transportation terminals, hotels and motels, factories, business and office buildings, boats, ships, campers, trailers, mobile homes, cars, buses, ambulances, trains, taxis, airplanes, garages, shops, and hair and nail salons.

ODO-BAN may be used on washable hard surfaces including countertops, stovetops, exhaust fans, sinks, appliances, refrigerators, tables, picnic tables, outdoor furniture, chairs, desks, highchairs, bed frames, washable walls, cabinets, door knobs, baby toys, telephones, shower stalls, tubs and tiles, toilets, portable toilets, porcelain tiling, garbage cans, stainless steel, enameled surfaces, wood work, Formica, vinyl, leather and plastic upholstery, bathtubs, sinks, urinals, toilet bowls, toilet bowl surfaces, related fixtures, walls, floors and other non-porous surfaces (such as metal, stainless steel, glazed porcelain, ceramic, fiberglass, stone, and plastic).

Other suggested uses for **ODO-BAN** include: Homes, Veterinary Clinics, Sewage Treatment Plants, Fish Markets, Kennels, Trash Compactors, Offices, Beauty Salons, Locker Rooms, Health Spas, Conference Rooms, Elevators, Smoking Areas, Lounges, Day Care Centers, Churches, Dry Cleaners, Theaters, Farms, Auditoriums, Barber Shops, Police Vehicles, Emergency Vehicles, Urgent Care Facilities, Restaurants, Markets, Hotels, Boats, Health Clubs, Schools, Laundromats, Nursing Homes.

ODO-BAN use-solutions may be used to wash hard, non-porous surfaces such as tile, glass, stainless steel, chrome, rubber, plastic, and metal and does not damage washable painted, varnished, or lacquered surfaces.

ODO-BAN can be used on non-porous surfaces such as walls, tables, floors, chairs, countertops, bathroom fixtures, sinks, bed frames, shelves, racks, carts, refrigerators, and other similar surfaces.

For Use On / Effective On: Countertops, Refrigerators, Walls, Floors, Sinks, Basins, Stovetops, Microwaves, Tabletops, Gym / Exercise / Athletic Equipment, Laundry Pails, Trash Barrels, Fishing Gear, Chrome, Aluminum, Formica®, Porcelain, and Washable Wallpaper.

ODO-BAN may be used to control odors on porous surfaces (in automobiles / RVs / homes) such as upholstery, drapes, carpets, pet bedding, shower curtains, headliners, and mattresses and other similar surfaces.

ODO-BAN is an effective fungicide against *Trichophyton mentagrophytes* (the athlete's foot fungus) when used on surfaces in areas such as locker rooms, dressing rooms, shower and bath areas, and exercise facilities.

ODO-BAN kills common household germs[†] in 10 minutes.

ODO-BAN kills common germs[†] such as *Escherichia coli* (*E. coli*), *Staphylococcus aureus* (*Staph*), *Salmonella choleraesuis* (*Salmonella*), *Streptococcus pyogenes* (*Strep*) and Influenza A/Hong Kong (Influenza) on pre-cleaned environmental surfaces in 10 minutes. Prevents the growth of odor causing bacteria.

ODO-BAN is effective against animal and pet viruses such as Avian Influenza virus, Avian Infectious Bronchitis virus, Pseudorabies virus, Canine Distemper virus, Newcastle's Disease virus, Feline Viral Rhinotracheitis (FVR), Feline Leukemia Virus (FeLV), Feline Infectious Peritonitis (FIP), Rabies, and Feline Immunodeficiency Virus (FIV).

ODO-BAN meets AOAC efficacy standards for hospital disinfectants.

ODO-BAN meets AOAC efficacy standards for non-food contact surface sanitizers on hard non-porous surfaces.

ODO-BAN kills 99.99% of germs[†] such as *Streptococcus pyogenes* (*Strep*), *Escherichia coli* 0157:H7 (*E. coli*) (pathogenic strain), *Listeria monocytogenes*, *Staphylococcus aureus* (*Staph*), and *Klebsiella pneumoniae* on hard, non-porous, non-food contact surfaces in 60 seconds.

ODO-BAN kills 99.99% of germs[†] such as *Escherichia coli* 0157:H7 (*E. coli* pathogenic strain), *Staphylococcus aureus* (*Staph*), *Streptococcus pyogenes* (*Strep*), and *Klebsiella pneumoniae* on hard, non-porous, non-food contact surfaces in 60 seconds.

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(HOW TO APPLY)

DISINFECTANT DIRECTIONS / APPLICATIONS

ODO-BAN is a Hospital Disinfectant for pre-cleaned surfaces at 5 ounces per gallon of water, Bactericidal according to the AOAC Use Dilution Test Method, Virucidal* according to the virucidal qualification, and a Mildewstat according to the EPA Mildew-Fungistatic guidelines against germs †such as:

- Pseudomonas aeruginosa*
- Staphylococcus aureus* (Staph)
- Methicillin Resistant *Staphylococcus aureus* (MRSA)
- Vancomycin Resistant *Enterococcus faecalis* (VREF)
- Escherichia coli* (*E. coli*) 0157:H7
- Listeria monocytogenes*
- Serratia marcescens*
- Aspergillus niger*
- Salmonella choleraesuis*
- Streptococcus pyogenes* (Strep)
- *Herpes Simplex Type 2
- *Influenza A/Hong Kong
- *HIV-1 (AIDS Virus)

ODO-BAN, at 7 ounces per gallon of water, is Bactericidal according to the AOAC Use Dilution Test Method and Fungicidal according to the Fungicidal AOAC Use Dilution Test Method against germs †such as:

- Legionella pneumophila*
- Trichophyton mentagrophytes* (Athletes Foot Fungus)

ODO-BAN is a sanitizer for pre-cleaned, hard, and non-porous non-food contact surfaces according to the method for Inanimate Non-Food Contact Surface Sanitizer in 60 seconds at 5 oz per gallon of water against germs †such as:

- Streptococcus pyogenes* (Strep)
- Escherichia coli* 0157:H7 (*E. coli*) (pathogenic strain)
- Listeria monocytogenes*
- Staphylococcus aureus* (Staph)
- Klebsiella pneumoniae*

Directions for Use

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

Preparation of use-solution:

Add 5 oz. per gallon of water, to disinfect hard, pre-cleaned non-porous, non-food contact surfaces. For heavy-duty use, add 7 oz. per gallon of water, to disinfect hard, pre-cleaned non-porous, non-food contact surfaces. (See Use-Solution Preparation Chart)

(If product will be packaged in container smaller than 7 oz, use the following preparation of use-solution directions.)

Preparation of use-solution:

Add 1 ¼ oz. per quart of water (1 part Odo-Ban to 24 parts water), to disinfect hard, pre-cleaned nonporous, nonfood contact surfaces. For heavy-duty use, add 1 ¾ oz. per quart of water (1 part Odo-Ban to 17 parts water), to disinfect hard, pre-cleaned nonporous, nonfood contact surfaces.

Disinfection/Virucidal*/Mold and Mildew Control directions:

Remove gross filth or heavy soil, then thoroughly clean surfaces. Apply use-solution to hard (inanimate), nonporous surfaces (by) thoroughly wetting surfaces as recommended and required with a cloth, mop, sponge, or sprayer.

For sprayer applications, use a coarse spray device (For sprayer applications, adjust sprayer to coarse spray setting). Spray (Apply) 6-8 inches from surface, rub (clean) with a brush, sponge, or cloth. Do not breathe spray.

Treated surfaces must remain wet for 10 minutes (for disinfection against bacteria and fungi or 60 seconds for disinfection against viruses*.) Prepare a fresh solution daily or when use-solution becomes visibly dirty (soiled).

Sanitizer/Virucidal* directions: Pre-clean prior to sanitizing or disinfecting against viruses*. Spray 6-8 inches from surface. Rub (clean) with brush, sponge, or cloth. Do not breathe spray. Treated surfaces must remain wet for 60 seconds. Wipe clean with a cloth or tissue.

Virucidal* directions: Follow disinfection directions. Treated surfaces must remain wet for 60 seconds.

VIRUCIDAL* DIRECTIONS / APPLICATIONS

***Virucidal against HIV-1 (AIDS Virus), Influenza A/Hong Kong, and Herpes Simplex Type 2.**

KILLS HIV ON PRE-CLEANED ENVIRONMENTAL SURFACES/OBJECTS PREVIOUSLY SOILED WITH BLOOD/BODY FLUIDS, in health care settings or other settings in which there is an expected likelihood of soiling of inanimate surfaces/objects with blood or body fluids and in which the surfaces/objects likely to be soiled with blood or body fluids can be associated with the potential for transmission of human immunodeficiency virus Type 1 (HIV-1) (associated with AIDS).

"SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-1 ON SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUIDS"

PERSONAL PROTECTION: Clean-up should always be done wearing protective latex gloves, gowns, masks and eye protection.

CLEANING PROCEDURE: Blood and other body fluids containing HIV must be thoroughly cleaned from surfaces and objects before application of this product.

CONTACT TIME: Leave surface wet for 60 seconds. Use a 10 minute contact time for disinfection against all other bacteria and fungi claimed.

DISPOSAL OF INFECTIOUS MATERIALS: Blood, body fluids, cleaning materials and clothing should be autoclaved and disposed of according to local regulations for infectious waste disposal.

This product is not to be used as a terminal sterilant/high level disinfectant on any surface or instrument that (1) is introduced directly into the human body, either into or in contact with the bloodstream or normally sterile areas of the body, or (2) contacts intact mucous membranes but which does not ordinarily penetrate the blood barrier or otherwise enter normally sterile areas of the body. This product may be used to pre-clean or decontaminate critical or semi-critical medical devices prior to sterilization or high-level disinfection.

EXPLANATION OF QUALIFIER SYMBOLS

(Use of the term germs[†], using the single dagger qualifier symbol, refers to the sanitizer claim below:)

Kills 99.99% of germs[†] (goes to →)[†] such as: *Streptococcus pyogenes* (Strep), *Escherichia coli* 0157:H7 (*E. coli*) (pathogenic strain), *Listeria monocytogenes*, *Staphylococcus aureus* (Staph), *Klebsiella pneumoniae* in 60 seconds.

(Use of the term germs[‡], using the double dagger qualifier symbol, refers to the disinfection claim below:)

Kills germs[‡] (goes to →)[‡] such as: *Pseudomonas aeruginosa*, *Salmonella choleraesuis*, *Staphylococcus aureus* (Staph), *Streptococcus pyogenes* (Strep), Methicillin Resistant *Staphylococcus aureus* (MRSA), Vancomycin Resistant *Enterococcus faecalis* (VREF), *Escherichia coli* (*E. coli*) 0157:H7 *Listeria monocytogenes*, *Serratia marcescens*, *Aspergillus niger*, *Legionella pneumophila*, *Trichophyton mentagrophytes* (Athletes Foot Fungus), in 10 minutes.

(Use of the terms viruses*, virucide*, or virucidal*, using the single asterisk qualifier symbol, refers to the viruses below:)

Viruses*, virucide*, or virucidal* (goes to →)* Herpes Simplex Type 2, Influenza A/Hong Kong, HIV-1 (AIDS Virus)

Non-Acid Toilet Bowl Disinfectant Directions / Non-Acid Bathroom Disinfectant:

(If concentrate is to be used, use the following statement.)
Add 5 oz. to the toilet bowl and mix. Brush thoroughly over exposed surfaces including under the rim and flush. Repeat for disinfection and allow to stand for 10 minutes and flush.

(If use-solution is to be used, use the following statement.)
Empty toilet bowl or urinal and apply 5 oz./gal. use-solution to exposed surfaces including under the rim with a cloth, mop, sponge, or sprayer. Brush thoroughly over exposed surfaces including under the rim and flush. Repeat for disinfection and allow to stand for 10 minutes and flush.

Toilet Bowl Cleaning Directions (non-germicidal):

To clean and deodorize toilet bowl, squirt liberally (1/2 cup) on toilet sides and under toilet bowl rim. Swab all surfaces thoroughly and flush.

Instrument And Tool Directions / Cosmetology Directions:

Use 5 ounces of this product per gallon of water. Completely immerse pre-cleaned combs, brushes, scissors, clipper blades, razors, manicure implements and other non-porous instruments so that surfaces remain wet for 10 minutes. Rinse thoroughly and dry before use. Change solution daily or when visibly dirty.

Note: Plastics may remain immersed until ready to use. Stainless steel shears and instruments must be removed after 10 minutes, rinsed, dried, and kept in a clean, non-contaminated receptacle. Prolonged soaking may cause damage to metal instruments.

General Household/Kitchen/Bathroom Cleaning, and Deodorizing:

Remove food and cooking utensils from areas to be cleaned. Use 5 ounces per gallon of water. Spray directly onto soils and wipe clean. Repeat for sanitizing. Let stand for 60 seconds. Then wipe clean.

SANITIZER DIRECTIONS / APPLICATIONS

Sanitizer Directions:

General Household/Kitchen/Bathroom/Floor Cleaning:
Remove cooking ingredients and food from areas to be cleaned.

Preparation of use-solution:

Add 5 oz per gallon of water, to sanitize hard, pre-cleaned, non-food contact surfaces.

(If product will be packaged in container smaller than 7 oz, use the following preparation of use-solution directions.)

Preparation of use-solution:

Add 1 1/4 oz. per quart of water (1 part Odo-Ban to 24 parts water), to sanitize hard, pre-cleaned, nonfood contact surfaces.

General Cleaning/Sanitizing:

Remove gross filth or heavy soil, then thoroughly clean surfaces. To sanitize, apply use-solution to non-food contact surfaces (by) thoroughly wetting surfaces as recommended and required with a cloth, sponge, or sprayer. Let stand 60 seconds then wipe.

For sprayer applications, use a coarse spray device (adjust sprayer to coarse spray). Spray (Apply) 6-8 inches from surface then rub (clean) with a brush, sponge or cloth. Do not breathe spray. Prepare a fresh solution daily or when use-solution becomes visibly dirty (soiled).

Non-acid Toilet Bowl Sanitizer Directions / Non-Acid Bathroom Sanitizer Directions:

Add 5 oz. to the toilet bowl and brush thoroughly over exposed surfaces including under the rim and flush. Repeat for sanitizing and allow to stand for 60 seconds and flush.

(If use-solution is to be used, use the following statement.)

Empty toilet bowl or urinal and apply 5 oz./gal. use-solution to exposed surfaces including under the rim with a cloth, mop, sponge, or sprayer. Brush thoroughly over exposed surfaces including under the rim and flush. Repeat for sanitizing and allow to stand for 60 seconds and flush.

(MIXING INSTRUCTIONS)

OdoBan mixes with water to form clear stable solutions. See "Use-Solution Preparation Chart" for dilutions per gallon of water.

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**POULTRY HOUSE AND FARM PREMISE
SANITIZER**

ODO-BAN is recommended for Poultry Premise Sanitation (Hatcheries):

- | | |
|-----------------------|--------------------|
| Egg Receiving Area | Tray Dumping Area |
| Egg Holding Area | Chick Holding Area |
| Setter Room | Hatchery Room |
| Chick Processing Area | Poultry Buildings |
| Chick Loading Area | |

ODO-BAN is recommended for Farm Premise Sanitation:

- | | |
|---------------------------|-------------------|
| Farrowing Barns and Areas | Dressing Plants |
| Waterers and Feeders | Loading Equipment |
| Hauling Equipment | Nursery |
| Blocks | Chutes |
| Creep Area | |

POULTRY AND FARM PREMISE SANITATION:

SITE PREPARATION

The first step in any ongoing sanitation program should be the removal of gross contamination and debris. This may be accomplished using a shovel, broom, or vacuum depending on the area to be sanitized. The efficacy of even the most efficient germicidal cleaner is reduced in the presence of heavy organic matter. Once the debris is eliminated, sanitation can be accomplished easily.

CLEANING AND SANITIZING

For general cleaning and sanitizing, use 5 ounces per gallon of water. Apply Odo-Ban use-solution using a cloth, mop, or coarse spray to thoroughly wet surface to be sanitized. Allow to remain wet for 60 seconds and let air dry. A pre-cleaning step is required. Prepare a fresh solution after each use.

APPLICATION AND USE DILUTION

Remove all animals and feeds from premises, trucks, coops, and crates. Remove all litter, droppings and manure from floors, walls, and surfaces of facilities occupied or traversed by animals. Empty all troughs, racks and other feeding and watering appliances. Thoroughly clean surfaces with soap or detergent and rinse with water. Use 5 ounces of **ODO-BAN** per gallon of water. Saturate surfaces with the recommended solution for a period of 60 seconds. Ventilate buildings, coops, and other enclosed spaces. Do not house animals or employ equipment until treatment has been absorbed, set, or dried. Thoroughly scrub treated feed racks, troughs, automatic feeders, fountains and waterers with soap or detergent, and rinse with potable water before reuse. Immerse all halters, ropes, and types of equipment used in handling and restraining animals, as well as forks, shovels, and scrapers used for removing litter and manure.

HATCHERIES: Use 5 ounces of **ODO-BAN** per gallon of water to treat hatchers, setters, trays, racks, carts, sexing tables, delivery trucks and other hard surfaces. Leave all treated surfaces exposed to solution for 60 seconds or more.

VEHICLES: Clean all vehicles including mats, crates, cabs, and wheels with high-pressure water and **ODO-BAN**. Use 5 ounces per gallon to treat all vehicles. Leave all treated surfaces exposed to solution wet for 60 seconds.

SHOE BATHS: Shoe baths containing one inch of freshly made solution should be placed at all entrances to buildings and hatcheries. Change the solution in the bath daily or when solution appears dirty.

DRESSING PLANT USE: Clean equipment, utensils, walls, and floors in poultry and animal dressing rooms, office rooms, exterior walls, and loading platforms of dressing plants. Cover or remove all food and packaging materials. Remove all gross soils. Saturate all surfaces with 5 ounces per gallon of water. Scrub to loosen all soils. Allow to soak for 60 seconds and thoroughly rinse all wetted and cleaned surfaces with potable water.

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Deodorizer Directions / Deodorizer Applications:

Nursing Homes, Hospitals, Hotels, Schools, Restaurants, Institutional, Healthcare, and Hospitality Facilities:

(Add) 2-4 ounces (1/4 – 1/2 cup) in chemical toilets, waste receptacles, bed pans, drainage bottles, diaper pails, hampers, disposals, commodes, and air conditioner pans will (to continually) eliminate odors (malodors).

Mopping Solutions, Automatic Scrubbers:

4-8 ounces per gallon of water eliminates undesirable odors. (Dilute 8 oz. per gallon of water to eliminate unpleasant odors.)

Laundry:

4-8 ounces per load added during the final rinse cycle deodorizes all offensive odors. (Add 8 oz. per load during the final rinse cycle to eliminate offensive odors without damaging fibers / to control laundry malodors, soften, and eliminate static cling without damaging fibers.)

Air Freshener/Automotive Uses:

22 ounces per gallon of water (1 part ODO-BAN to 5 parts water) or desired concentration will effectively neutralize damp musty odors caused by mildew in storage areas, basements, closets, bathrooms, and A/C Filters. Effective on smoking and cooking odors (garlic, fish, onions, etc.). Automobile odors from tobacco, musty carpet smell, and beverage smells will be eliminated.

(Add 22 oz. per gallon of water (1 part ODO-BAN to 5 parts water) to effectively neutralize cooking, mildew, and smoking odors.)

Carpets:

4-8 ounces per gallon of water eliminates odors associated with urine, vomit, smoke, and mildew. Reapply after cleaning for freshening effects. Allow to dry.

(Add 4-8 oz. per gallon of water (1 part ODO-BAN to 16-31 parts water) to eliminate urine, vomit, smoke, and mildew odors. Allow to dry.)

RV Holding Tanks / Recreational Vehicles:

Toilet waste/Holding Tanks: Cover bottom of holding tank with water and add 3-6 ounces. If odors return before time to empty add 1-2 ounces to the tank. Kitchen waste: 1-2 ounces to gray water tank as needed to control malodors created by dirty dishwater.

Pet Odors (Carpet and Upholstery):

32 ounces per gallon of water (1 part ODO-BAN to 3 parts water) or desired concentration for urine, feces, and vomit on carpet and upholstery. Clean prior to application then spray onto affected areas. Test hidden area for colorfastness. Allow 10 minutes contact time. Then blot with clean cloth. Allow to dry. Also effective on pet bedding and litter boxes.

(Test hidden area for color fastness. Add 32 oz. per gallon of water (1 part ODO-BAN to 3 parts water) to eliminate odors from urine, feces, and vomit on carpet and upholstery. Clean prior to application then spray onto affected areas. Odo-Ban is also an effective odor neutralizer on pet bedding and litter boxes. Allow to dry.)

Sewage Backup, Water Damage:

Dilute 16 ounces per gallon of water or desired concentration and spray over affected areas before and after cleaning and extraction. Allow 10 minutes contact time. Use proper ventilation; open windows.

Cleaning solution:

Dilute 4-8 ounces per gallon of water for cleaning kitchen counters, tables, walls, bathrooms, toilet seats, mopping floors, and large routine applications.

ODO-BAN is effective at eliminating odors on porous surfaces such as upholstery, drapes, carpets, bedding, shower curtains, and mattresses and (as well as) non-porous surfaces such as walls and floors. Affected areas should be saturated with enough ODO-BAN to remain damp for at least ten minutes. Then blot with a clean cloth and allow to dry.

Example of the "Use-Solution Preparation Chart"

(It may include other approved use sites and use-solutions)

(AMOUNT TO USE)

USE-SOLUTION PREPARATION CHART		
APPLICATION (Per Gallon Of Water)	OUNCES	CUPS
DEODORIZER –Eliminates Odors Instantly!		
Air Freshener	22	2-3/4
Pet Odors	32	4
Carpet	8	1
Sewage Backup, & Water Damage	16	2
Mopping Solutions; Automatic Scrubbers	8	1
DISINFECTANT - Kills Common Germs[†] in 10 Minutes!		
Hard, nonporous, precleaned surfaces		
Bactericidal	7	7/8
Fungicidal	7	7/8
Mildewstat	5	5/8
Cosmetology	5	5/8
VIRUCIDAL* - Kills Viruses* in 50 Seconds!		
Hard, nonporous, precleaned surfaces	5	5/8
SANITIZER - Kills 99.99% of Germs[†] in 60 Seconds!		
Precleaned, hard, and nonporous nonfood contact surfaces	5	5/8

12/12

(If container is greater than one gallon, use the following Storage and Disposal statements.)

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.
STORAGE: Do not store on side. Avoid creasing or impacting of side walls.

PESTICIDE DISPOSAL

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL

Plastic Container: 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.

Metal Container: 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.

(If container is one gallon or less, use the following Storage and Disposal statement.)

STORAGE AND DISPOSAL

Store in areas inaccessible to small children. Do not reuse container. Wrap and put in trash.

**Precautionary Statements
Hazards to Humans and Domestic Animals**

DANGER

Corrosive. Causes irreversible eye damage. Do not get in eyes or on clothing. Wear protective eyewear (goggles, face shield, or safety glasses). Avoid contact with skin. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse

FIRST AID

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.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

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 for treatment.

(Optional First Aid Statement)

IF SWALLOWED: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

(If container size is five gallons or greater, use the following environmental hazards statement.)

ENVIRONMENTAL HAZARDS

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a 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 to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water board or Regional Office of the EPA.