



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

EPA Reg. Number:

92378-2

Date of Issuance:

7/17/19

NOTICE OF PESTICIDE:

Registration  
 Reregistration  
 (under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

Atmosphere

Name and Address of Registrant (include ZIP Code):

Mel Jones  
 Manager  
 Atmosphere Global LLC  
 55 West Goethe Unit 1241  
 Chicago, IL 60610

**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.

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:

*E. Miederhoff*  
 Eric Miederhoff, Product Manager 31  
 Regulatory Management Branch I  
 Antimicrobials Division (7510P)  
 Office of Pesticide Programs

Date:

7/17/19

2. You are required to comply with the data requirements described in the DCI identified below:

a. ADBAC GDCI-069175-30909; 069175-1750

You must comply with all of the data requirements within the established deadlines. If you have questions about the Generic DCI listed above, 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. 92378-2.”

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 the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. 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) list 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. 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 Compliance.

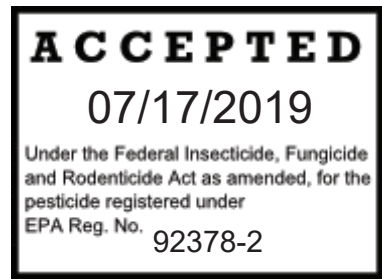
If you fail to satisfy these data requirements, EPA will consider appropriate regulatory action including, among other things, cancellation under FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. Please also note that the record for this product currently contains the following CSFs:

- Basic CSF dated 10/02/2018

The alternate brand name “AG Forte Pro” has been added to the product record.

If you have any questions, you may contact Joseph Daniels at (703) 347-8669 or via email at [Daniels.joseph@epa.gov](mailto:Daniels.joseph@epa.gov)

Enclosure



# Atmosphere

Additional Brand Names (ABNs): AG Forte Pro

(Note to Reviewer: Marketing claims may be used on the front panel.)

- Cleaner • Disinfectant • Antibacterial • Bactericidal • Deodorizer • Virucidal\* • Degreaser • All Purpose Cleaner
  - pH of 8.15 when diluted
  - Odor Counteractant • Odor Neutralizer
- Restroom & Bathroom Disinfectant Cleaner • Multi-Surface Disinfectant Cleaner • Concentrate

**ACTIVE INGREDIENT:**

Alkyl (67% C<sub>12</sub>, 25% C<sub>14</sub>, 7% C<sub>16</sub>, 1% C<sub>18</sub>) Dimethyl  
 Benzyl Ammonium Chloride ..... 7.5%

**OTHER INGREDIENTS:** ..... 92.5%

**TOTAL:** ..... 100.0%

## KEEP OUT OF REACH OF CHILDREN DANGER {PELIGRO}

{See [{left} {back} {side} {right} {insert} {panel} {of label}] {below}} for {additional} precautionary statements.

### FIRST AID

In case of emergency, 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.

**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:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 - 20 minutes.

**IF SWALLOWED:** 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. Call a poison control center or doctor immediately for treatment advice.

**IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.

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

{For [{chemical} {and} {or} {medical} {and} {or} {environmental}] emergencies, call {insert name and/or number of emergency contact} {hours of operation} {24 hours a day} {7 days a week}}.

(Note to Reviewer: This referral statement may be organized in any order to be grammatically correct.)

{(Consult) {See} {additional} {sheet} {insert} {inside} {outer container} {Product Information} {Bulletin} {for} {other} {directions for use} {and} {information} {claims} {organisms} {applications}}.

Net Contents:

{{Batch} {Lot} No} {Manufacturing Date};  
 {Product of USA} {Made in the USA}



Atmospheric Global, LLC  
 66 West Goethe, Unit 1241  
 Chicago, IL 60610

EPA Reg. No. 92378-XXX  
 EPA Est. No.

## ORGANISM LIST

*(Note to Reviewer: The list of organisms can be formatted into paragraph form using a comma to separate organisms.)*

**DISINFECTATION PERFORMANCE:** This product kills the following bacteria in 10 minutes at 2.1 oz. per gal. of water of 200 ppm hard water {(1230 ppm active)} and 5% soil on hard, non-porous surfaces:

*Escherichia coli* O157:H7 {(ATCC 11229)}  
*Listeria monocytogenes* {(ATCC 19117)}  
*Proteus vulgaris* {(ATCC 9920)}  
*Pseudomonas aeruginosa* {(ATCC 15442)}  
*Salmonella enterica* {(ATCC 10708)}  
*Staphylococcus aureus* {(ATCC 6538)}

**VIRUCIDAL\* PERFORMANCE:** This product kills the following viruses in 10 minutes at 2.1 oz. per gal. of 200 ppm hard water {(1230 ppm active)} and 5% soil on hard, non-porous surfaces:

Norovirus {(Feline Calicivirus)} {(VR-782)}

### ANIMAL PREMISE VIRUCIDAL\* PERFORMANCE:

This product kills the following virus in 10 minutes at 2.1 oz. per gal. of 200 ppm hard water {(1230 ppm active)} and 5% soil on hard, non-porous surfaces:

Feline Calicivirus {(VR-782)}  
Porcine Respiratory & Reproductive Virus {(PRRSV)} {(USDA Reference Virus)}  
Porcine Epidemic Diarrhea Virus {(PEDV)} {(NVSL Reference Virus)}

This product kills the following viruses in 10 minutes at 1 oz. per gal. of 200 ppm hard water {(585 ppm active)} and 5% soil on hard, non-porous surfaces:

Porcine Respiratory & Reproductive Virus {(PRRSV)} {(USDA Reference Virus)}  
Porcine Epidemic Diarrhea Virus {(PEDV)} {(NVSL Reference Virus)}

## MARKETING CLAIMS

*(Note to Reviewer: Marketing text is considered optional. Commas and the words “and” “or” can be added to phrases to make text grammatically correct.)*

*(Note to Reviewer: In the case where a location, surface, or marketing claim is not registered in the State of California the statement “(Not for use in CA.)” may be added to the relevant text).*

### {LOCATIONS/SURFACES}

*(Note to Reviewer: The locations/surfaces have been grouped for space purposes only; they can be used individually or grouped together in any order however at least one or more location/surface is chosen, an “and” “&” “or” may be used to link locations/surfaces.)*

This product is for use on hard, non-porous surfaces in *(insert location)*

This product [{when used as directed} {can be used} {is formulated to} [{disinfect} {clean} {deodorize}] {is formulated for use}] {on} {washable} hard, non-porous surfaces such as {on}: *(insert locations/surfaces)*

For use {in} {on} hard, non-porous *(insert locations/surfaces)*.

{With Organic Soil {Load}}{For} *(insert location)*.

### {LOCATIONS}

- Airline terminals, airports, bus stations, train stations, transportation terminals, public facilities, shipping terminals, travel rest areas, waysides
- Automobiles, cars, trucks, campers, RVs, trailers, automotive garages, auto repair centers, bicycle shops
- Boats, ships, barges, cruise lines, cruise ships, watercraft
- Boxcars, tankers, and tank trucks
- Buses, public transportation, trains, taxis, airplanes, helicopters
- Construction sites
- Delivery trucks, garbage trucks, maintenance vehicles
- EMS & fire facilities, emergency vehicles, ambulances, police cars, fire trucks
- Police stations, , courthouses, correctional facilities, municipal government buildings, prisons, jails, penitentiaries, correctional institutions
- Recycling centers

- Athletic facilities, locker rooms, exercise rooms, exercise facilities, gyms, gymnasiums, field houses
  - Banks, churches, libraries, post offices
  - Campgrounds, playgrounds, recreational facilities, RV Parks, RV Campgrounds, picnic facilities
  - Casino, Arcades, Amusement Parks
  - Day care centers, {children's} nurseries, kindergartens, and preschools
  - Funeral homes, morgues, mortuaries, burial vaults, mausoleums, cadaver processing areas
  - Health clubs, spas, tanning salons, tanning spas, tanning beds, massage/facial salons, hair/nail/pedicure salons, barber/beauty shops, salons, foot spas, tattoo parlors. *(Not for use on needles or other skin piercing instruments)*
  - Hotels, motels
  - Museums, art galleries, performance/theater centers, movie houses, bowling alleys
  - Schools, colleges, dormitories, classrooms, community colleges, universities
  - Sports arenas, sports complexes
  - Supermarkets, convenience stores, retail and wholesale establishments, department stores, shopping malls, gift shops, video stores, bookstores, dressing rooms, photocopy centers
  - Restaurants, bars, kitchens, taverns, cafeterias, institutional kitchens, fast food operations, food storage areas, catering, bakeries.
- Businesses, office buildings, workstations, break rooms, public restrooms, housekeeping, janitorial rooms
  - Commercial florist and flower shops
  - Cosmetic manufacturing facilities, medical device manufacturing facilities, biotechnology firms, pharmaceutical manufacturing facilities
  - Factories, computer manufacturing sites, toy factories, warehouses
  - Institutional, commercial, industrial, institutions, commercial sites, industrial sites, institutional facilities, public places
  - Laboratories
- Basements, cellars, bedrooms, attics, garages, living rooms, and porches
  - Bathrooms, restrooms, shower rooms, shower and bath areas
  - Homes, households, condos, apartments, mobile homes, vacation cottages, summer homes
  - Kitchens, bathrooms, and other household areas
- Animal Premises including Livestock and/or Poultry Holding Areas, Animal Health Premises, Animal Research Facilities, Animal and livestock truck wash
  - Barns, Farms
  - CAFO (Concentrated Animal Feeding Operation)
  - Dairy, equine, poultry/turkey farms
  - Facilities related to the farming, ranching, production and/or housing of livestock and poultry
  - Farmhouses, barns, sheds, tool sheds, {cattle} {swine} {sheep} {horse} barns, pens and stalls, swine quarters, livestock farms, equine quarters, brooder houses, seed houses and veal, calving, hog, cattle and horse operations, chick vans, egg trucks, hatchery and farm vehicles
  - Veterinary, veterinary clinics, animal health, animal life science laboratories, animal laboratories, animal research centers, animal quarantine areas, animal holding areas, equine farms, {dog} {cat} {animal} kennels, animal breeding facilities, breeding establishments, animal husbandry establishments, grooming establishments, pet animal quarters, animal housing facilities, zoos, tack shops, pet shops, operating rooms, washing areas, waiting rooms, examination rooms and other animal care facilities
- Breweries, canneries, cheese factories
  - Bottle washing premises
  - Federally inspected meat and poultry plants
  - Food establishments, coffee shops, donut shops, bagel stores, pizza parlors, liquor stores, wineries
  - Food handling and processing areas
  - Food processing plants, USDA inspected food-processing facilities, federally inspected meat and poultry plants, egg processing plants, poultry and turkey farms, farms, dairy farms, hog farms, meat/poultry processing plants, mushroom farms, rendering plants, poultry and animal dressing plants, canneries, meat packing plants, hide and leather processing plants
- Hospitals, nursing homes, medical and dental offices and clinics, healthcare facilities, physician offices, operating rooms/theaters, radiology rooms, isolation wards, quarantine areas, hospices, medical research facilities, washing areas, ICU areas, autopsy rooms, acute care institutions, alternate care institutions, home healthcare institutions, sick rooms
  - Life care retirement communities, elder care centers, elder care facilities
  - Patient care rooms & facilities, recovery rooms, Emergency Rooms, x-ray CAT labs, exam rooms, newborn nurseries, neonatal units, orthopedics, respiratory therapy, surgical centers, out-patient surgical centers, labs, blood collection rooms, central supply, housekeeping & janitorial rooms, ophthalmic/optometric facilities

## {SURFACES}

- {Countertops} {counters}, countertop laminates, {{bathroom} {kitchen} sinks}, tub surfaces, shelves, racks, carts, Exteriors of {{stovetops}, {stoves},{appliances}, {refrigerators}, {microwave ovens}},
- Floors, finished floors, high speed burnished floors, conductive flooring, walls, ceilings, fixtures, footboards furniture
- Glass surfaces, aluminum, brass, copper, laminated surfaces, metal, plated steel, stainless steel, sealed concrete, glazed porcelain, glazed {ceramic}{restroom} tile, glazed {restroom} ceramic, sealed granite, sealed {synthetic} marble, plastic {such as polycarbonate, polyvinylchloride, polystyrene or polypropylene}, sealed limestone, sealed slate, sealed stone, sealed terra cotta, sealed terrazzo, chrome, crystal (non-food contact areas), sealed fiberglass {fixtures}, Plexiglas®, enameled surfaces, painted {finished} woodwork, Formica®, vinyl and plastic upholstery, washable wallpaper, windows, mirrors, painted surfaces
- Highchairs, baby cribs, diaper changing stations, infant bassinets/cribs/warmers/incubators/care equipment, folding tables, hampers, laundry pails, empty diaper pails
- Shower stalls, shower doors and curtains, bathtubs and glazed tiles, chrome plated intakes, toilets, toilet seats, toilet bowls, toilet bowl surfaces, urinals, portable and chemical toilets and latrine buckets, vanity tops, and restroom fixtures, bathroom fixtures, bathroom bowls, basins, tubs, and medicine cabinets
- Tables, chairs, desks, folding tables, bed frames, lifts, washable walls, cabinets, doorknobs and garbage cans/pails, trash barrels, trash cans, trash containers, industrial waste receptacles and garbage handling equipment, shelves, racks and carts, door knobs and handles, Sealed foundations, steps, plumbing fixtures, finished baseboards and windowsills
- And other hard, non-porous, non-food contact surfaces
  
- Automobile interiors, mats, crates, cabs, and wheels
- Boat interiors
- Commercial florist pots, flats and flower buckets, work areas and benches
- Crypton Barrier fabric
- Footbath surfaces
- Hair clippers, cutting implements, plastic rollers, washable nail files
- Hard hats, headphones
- Hard, non-porous surfaces of picnic tables and outdoor furniture
- Kennel runs, cages, kennel/cage floors, conductive flooring, examination tables, veterinary x-ray tables, loading platforms, animal equipment
- Large inflatable, non-porous plastic and rubber structures such as animals, promotional items, moonwalks, slides, obstacle course play and exercise equipment
- Maintenance equipment
- Non-wooden picnic tables and outdoor furniture except cushions and wood frames
- Playground equipment
- Slurpee® machines, drinking fountains
- Tanning spas/beds, tanning equipment
- Tattoo equipment (Not for use on needles or other skin piercing instruments)
- Telephones and telephone booths
- Ultrasonic baths, whirlpools, whirlpool bathtubs
- Wrestling and gymnastic mats, athletic mats, athletic training tables, physical therapy tables, exercise equipment, athletic helmets, wrestling/boxing headgear, athletic shoe soles, and locker rooms {areas}
  
- Beer fermentation and holding tanks, bottling or pre-mix dispensing equipment
- Citrus processing equipment and holding tanks
- Hard, non-porous non-food contact surfaces in food {preparation} {and} {storage} areas
- Hatchers, setters, trays, racks, egg flats, chick boxes, egg cases, vans and trash containers seed houses, poultry/turkey equipment, carts, sexing tables, and automated tray, rack and buggy washers, egg receiving and egg holding areas
- Harvesting & handling equipment
- Hide/leather processing surfaces such as hide storage bins, holding tanks, chill tanks, serpentine tanks and chains, machine and tannery equipment surfaces, conveyors and trolleys, hide press, grading and storage areas and scales
- Meat packing plant surfaces such as livestock vehicles and holding pens, receiving areas and delivery chutes, slaughter areas and conveyors, hand, rub and guide rails, post knock cabinets, stands and flooring surfaces, chains and moving process lines, chutes, conveyors, tallow and animal feed production surfaces, processed product and offal equipment surfaces, fabrication and processing areas covering cold storage areas, stainless steel cut out and prep tables, and other stainless surfaces
- Tobacco plant equipment
- Wine processing equipment and holding tanks
  
- External lenses, vision correction devices including eyeglasses, protective eyewear, goggles, light lens covers, optical instruments/implements (Not for use on contact lenses.)
- Hospital beds, bed railings, bedpans, gurneys, traction devices, MRI, CAT, examining tables, scales, paddles, wheelchairs, hard, non-porous surfaces of cervical collars and neck braces, spine backboards, stretchers, unit stools, CPR training mannequins, curing lights, light lens covers, slit lamps, operating room lights, operating tables, oxygen hoods, dental chairs/countertops, examination tables, x-ray tables, ambulance equipment/surfaces, medical equipment surfaces

## DISINFECTANT MARKETING CLAIMS

(Note to Reviewer: The following marketing claims may be used with the prefix "This product".)

- Can be used to disinfect, clean, and deodorize terrarium and small animal cages, substrate, and other hard, non-porous cage [equipment] {furniture} {plastic terrarium ornaments} {heat caves} {and} {water dishes}. (Do not use on porous rocks, hot rocks, and driftwood.)
- Cleans, Deodorizes, & Disinfects in One-Step when used as according to disinfectant directions hard, non-porous surfaces
- Cleans, deodorizes, and removes soils
- Cleans, Disinfects, & Deodorizes
- Cleans, disinfects, and deodorizes {on} hard, non-porous surfaces {by killing {many} odor-causing microorganisms} {leaving surfaces smelling fresh and clean}.
- Cleans, disinfects, and deodorizes hard, non-porous {{hospital} {medical} surfaces} in one step when used according to disinfectant directions.
- Cleans, disinfects, and deodorizes hard, non-porous surfaces such as flower buckets, walls, floors of coolers, shippers, greenhouse packing areas, garbage pails, design and packing benches, and countertops, and other areas where obnoxious odors develop when used according to disinfectant directions.
- Cleans and disinfects non-medical (i.e. industrial and firefighting) respirators in industrial, commercial, and institutional premises.
- Cleans and disinfects animal premises (CAFO, Barn, Holding area)
- Cleans and disinfects with no bleach, chlorine, glutaraldehyde's, or phenols
- Cleans Grout
- Cleans, and disinfects hard, non-porous surfaces of personal protective safety equipment, protective headgear, athletic helmets, wrestling/boxing headgear, athletic shoe soles, hard hats, headphones, half mask respirators, full face breathing apparatus, gas masks, goggles, spectacles, face shields, hearing protectors and ear muffs. Rinse all equipment that comes in prolonged contact with skin before reuse with clean warm water (about 120°F) and allow to air dry. (Precaution: Cleaning at 120°F temperature will avoid overheating and distortion of the personal safety equipment that would necessitate replacement.)
- Cleans, and disinfects hard, non-porous ambulance equipment and surfaces.
- Cleans, shines, deodorizes, and disinfects all hard, non-porous {non-food contact household} surfaces {listed on the label}.
- Delivers non-acid disinfection performance in an economical concentrate.
- Disinfects {Disinfectant}.
- Disinfects hard, non-porous athletic surfaces.
- Disinfects hard, non-porous {{non-food contact kitchen} {and} {bathroom}} surfaces {and floors}.
- Is a concentrated hospital use disinfectant that is effective against a broad spectrum of bacteria, is virucidal\*, and eliminates odor causing bacteria when used as directed.
- Effective Cleaner and Disinfectant for Animal Premises
- Is a {concentrated} non-acid {bowl and} bathroom cleaner, which cleans, disinfects, and deodorizes
- Is a disinfectant for cleanroom and laboratory areas on washable, hard, non-porous non-food contact surfaces such as: laminar-airflow equipment and BioSafety cabinet work surfaces and exterior surfaces of the following: countertops, sinks, plumbing fixture surfaces, and incubators, refrigerators and centrifuge surfaces of metal, stainless steel, glass, plastic {such as polystyrene or polypropylene}, Formica®, and vinyl.
- Is a multi-purpose cleaner, deodorizer, and disinfectant.
- Is a one-step {detergent} {hospital-use} {disinfectant} cleaner and deodorant {odor-counteractant} {odor neutralizer} designed for general cleaning, {and} disinfecting, {deodorizing} {of} hard, non-porous non-food contact surfaces when used according to disinfectant directions.
- Is a phosphate-free formulation designed to provide effective cleaning, deodorizing and disinfection in areas where housekeeping is of prime importance in controlling the hazard of cross-contamination on treated surfaces.
- Is a one-step {detergent} disinfectant that is effective against a broad spectrum of bacteria, is virucidal\*, on hard, non-porous non-food contact surfaces when used according to disinfectant directions.
- Is a proven disinfectant, cleaner, and virucide\*.
- Is a versatile cleaner, and broad-spectrum disinfectant formulated for use on hard, non-porous bath and therapy equipment {{Whirlpools}}.
- Is a versatile disinfectant for veterinarian, veterinary practice, animal care, animal laboratory, and agricultural and farm premise applications.
- Is an effective [{bactericide} {and} {virucide\*} {disinfectant} ] in the presence of [{organic soil} {5% {blood} serum}].
- Is designed to provide both general cleaning and disinfection.
- Is for use as a disinfectant on hard, non-porous non-food contact surfaces {at 1230 ppm active}.
- Is for use in federally inspected meat and poultry plants on all hard, non-porous surfaces in inedible product processing areas, non-processing areas and/or exterior areas, federally inspected meat and poultry plants as a floor and wall cleaner for use in all departments, and federally inspected meat and poultry plants as a disinfectant agent for use in all departments.
- Is used to disinfect hard, non-porous salon/barber tools and instruments such as combs, clippers, plastic rollers, brushes, trimmers, razors, scissors, blades, tweezers, baths, manicure instruments, pedicure instruments, and footbath surfaces.
- Is a versatile broad-spectrum disinfectant formulated for use on hard, non-porous surfaces in Ultrasonic Baths {Ultrasonic cleaning units}.
- Kills Feline Calicivirus, Porcine Reproductive and Respiratory Syndrome Virus, Porcine Epidemic Diarrhea Virus.
- Kills {99.9% of} {{*Escherichia coli* O157:H7 {(ATCC 11229)}}}, {{*Listeria monocytogenes* {(ATCC 19117)}}}, {{*Proteus vulgaris* {(ATCC 9920)}}}, {{*Pseudomonas aeruginosa* {(ATCC 15442)}}}, {{*Salmonella enterica* {(ATCC 10708)}}}, {{*Staphylococcus aureus* {(ATCC 6538)}}} on hard, non-porous, non-food contact surfaces.

- Kills bacteria and helps reduce cross-contamination on treated hard, non-porous non-food contact kitchen surfaces listed on this label.
  - Kills {bathroom} {household} [{germs†} {bacteria} {and} {viruses\*}].
  - Kills germs†.
  - {One-Step} {Detergent} Disinfectant {Cleaner} on hard, non-porous non-food contact surfaces when used according to disinfection directions.
  - When used as directed, will disinfect metal clipper blades as well as many other hard, non-porous surfaces.
- † Kills *Pseudomonas aeruginosa* {(ATCC 15442)}, *Salmonella enterica* {(ATCC 10708)}, *Staphylococcus aureus* {(ATCC 6538)}

#### HOUSEHOLD MARKETING CLAIMS

**(Note to Reviewer:** *The following marketing claims may be used with the prefix "This product".*)

- Is effective against household [{germs†} {bacteria}].
  - Is great for use [on] {in the} [{kitchen}, {bathroom}, {floors} {and} {other household areas}].
  - For a cleaner, fresher household.
- † Kills *Pseudomonas aeruginosa* {(ATCC 15442)}, *Salmonella enterica* {(ATCC 10708)}, *Staphylococcus aureus* {(ATCC 6538)}

#### GENERAL MARKETING CLAIMS

**(Note to Reviewer:** *The following marketing claims may be used with the prefix "This product" or "This product is {a} {an}".*)

- Antimicrobial
- Can be applied through foaming apparatus, and low-pressure sprayer systems. Follow manufacturers' instructions when using this equipment.
- Chlorine free
- Cleans Hard, Non-Porous Water Washable Surfaces
- Clear formula. **(Note to Reviewer:** *To be used only when no dyes are present*)
- Contains no fragrances. **(Note to Reviewer:** *To be used only when no fragrances are present*)
- Contains no phosphorous.
- Contains no [{abrasives} {bleach} {acids}{heavy metals} {phosphates}] {so it won't scratch surfaces}.
- Cost-Saving
- Disinfects in One Easy Step when used as directed on hard, non-porous non-food contact surfaces.
- Effective cleaner and disinfectant on hard, non-porous non-food contact surfaces
- Formulated for effective swine premise sanitation.
- Glutaraldehyde-Free (No Glutaraldehydes)
- Has been designed specifically for areas where housekeeping is of prime importance.
- Helps to maintain blades that operate with reduced friction and with smoother clipping action.
- Is an economical concentrate that can be used with a mop and bucket, trigger sprayers, sponge or by soaking.
- Is designed for use in pet salons, animal hospitals, barber and beauty shops.
- Is effective for the control of small flies on non-food contact surfaces such as floors, walls, drains, countertops, metal surfaces, painted surfaces, glazed porcelain, glazed tile, glass, chrome, rubber, and plastic in restaurants, kitchens, dishwashing areas, and bar and wait station areas.
- Intense Cleaning Action
- Is for larger areas such as operating rooms and patient care facilities.
- Is fragrance-free. **(Note to Reviewer:** *To be used only when no fragrances are present*)
- Is non-staining.
- Labor-Saving
- Leaves No Unsightly Residues
- No Ozone Depleting Substances (ODS)
- No SARA Section 313 Reportable Ingredients
- No Phthalates (PVC)
- Non-abrasive formula will not [{harm} {scratch}] surfaces.
- Non-Dulling formula to Floors (Floor Finishes)
- Non-dulling formula eliminates the time and labor normally required for rinsing floors.
- Non-Flammable
- Phenol-Free
- Quaternary Ammonium Based Disinfectant
- Streak free when used at recommended dilution
- Step-Saving
- Time-Saving
- The right solution
- Use this product to treat hard, non-porous multi-touch surfaces that may be responsible for cross-contamination.
- Will not harm sealed stone, sealed grout, or glazed tile.
- Will not harm most surfaces.
- Will not leave grit or soap scum.



## CLEANING AND DEODORIZATION MARKETING CLAIMS

(Note to Reviewer: The following marketing claims may be used with the prefix "This product".)

- {Also} eliminates odors leaving surfaces smelling clean and fresh.
- {Also} [{removes} {eliminates}] odors {caused by [{bacteria} {and} {and} {non-fresh foods}]} {leaving {restroom} {kitchen} surfaces smelling clean and fresh}.
- Cleans {Cleaner}
- Cleans {and shines} {without bleaching} {by removing} {dirt} {grime} {and} {food soils in food preparation and processing areas} {everyday kitchen messes} non-food contact kitchen surfaces and food preparation areas, {like dirt, grease, and food stains}.
- Cleans by removing dirt, grime, mold, mildew, blood, urine, fecal matter, and other common soils found in animal housing facilities, livestock, swine or poultry facilities, grooming facilities, farms, kennels, pet stores, veterinary clinics, laboratories, or other small animal facilities.
- Cleans rodent soiled areas.
- Cleans without bleaching.
- Cleans by oxidation
- Cleans quickly by removing dirt, grime, mold, mildew, food residue, body oils, dead skin, blood, and other organic matter commonly found in *(insert site from Locations)*.
- Controls the Growth of Damage and Odor-Causing Bacteria.
- Designed Specifically to (Effectively) Eliminate Odors
- Deodorizes {Deodorant}.
- Deodorizes moist hard, non-porous surfaces by killing microorganisms that cause offensive odors. (Not for use in CA.)
- Is a cleaner and [{deodorant} {odor-counteractant} {odor-neutralizer}] designed for [{general cleaning}, {and} {disinfecting}], {deodorizing} on hard, non-porous surfaces.
- Is a floor cleaner
- Is effective against odors caused by animal waste, septic tank or sewage backup, smoke, bathroom and kitchen odors. (Not for use in CA.)
- Is for non-scratch cleaning of showers and tubs, shower doors and shower curtains, fixtures, and toilet bowls.
- Is for use as a cleaner {deodorizer} on rugs, floors, walls, tile, cages, crates, mats, litter boxes, floor coverings, or any hard, non-porous surfaces soiled by a pet.
- Is formulated to provide effective cleaning strength that will not dull high gloss floor finishes with repeated use.
- Is for use in work areas such as tool rooms and garages for odor control and light duty cleaning.
- Kills odor causing bacteria in the [{kitchen} {bathroom} {household}].
- [{Malodor Activity} {Odor} {Counteractant}] – [{eliminates} {destroys}] odors {and odor-causing bacteria on hard, non-porous surfaces in restroom areas, behind and under sinks and counters, and storage areas {and other {hard, non-porous} surfaces} where bacterial growth can cause malodors.}
- [{Maximizes} {improves}] labor results by effectively controlling odors.
- Neutralizes musty odors and tough odors from smoke, pet accidents, and spills on contact.
- Non-acid bathroom cleaner.
- Provides effective cleaning strength that will not dull most metal-interlock floor finishes, and does not require a rinse prior to recoat.
- Provides long lasting freshness against tough {pet} odors such as odors from litter boxes and pet accidents.
- Powerful Odor Control [Odor Neutralizer] [Deodorizer] [Odor Counteractant] Formula [On Hard, Non-Porous Surfaces]
- Removes dirt.
- Removes stains.
- Use of this product will control unpleasant [{malodors} {odors}].
- Inhibits the Growth of Damage- and Odor-Causing Bacteria on Treated Articles and Surfaces, Such as Construction Materials
- Inhibits Bacterial Growth on Moist Surfaces and Deodorizes by Killing Microorganisms that Cause Offensive Odors

## PACKAGING CLAIMS

- Concentrate{d}.
- Convenient trigger spray. (Note to Reviewer: To be used on applicable container)
- {Dilution System trade name}
- Easy to use.
- Economy size. (Note to Reviewer: To be used on applicable container)
- Fewer products – no need for separate deodorizer.
- Is for use in [{automated dilution systems} {automated} {dilution systems} {Dilution System trade name}].
- Makes *(insert value)* [{Gallons} {Quarts}]{Containers}]
- Squeeze {measure} and pour
- This [{container} {bottle}] is made of {at least} (x) % post-consumer recycled plastic.

**(Note to Reviewer (General Considerations):** Numbered instructions will be used if label space permits, otherwise may appear in paragraph format. The list of organisms can be formatted into paragraph form using a comma to separate organisms. Note symbols such as asterisks (\*) and daggers (†) may be replaced with equivalent symbols. Unit abbreviations can be spelled out. When choosing optional text, appropriate punctuation can be inserted or deleted. Equivalent use dilution ratios may be substituted within the directions.)

## DIRECTIONS FOR USE

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

{Please read entire label and use strictly in accordance with precautionary statements and directions.}

**(Note to Reviewer:** The following statement is to be used if any food premise locations are listed on the final label.)

{Before using this product {in federally inspected meat and poultry food processing plants and dairies}, food products and packaging materials must be removed from the room or carefully protected.}

**(Note to Reviewer:** For labels that list medical devices and/or stainless-steel surfaces, one of the following FDA/EPA Memorandum of Understanding statements must be used.)

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 can be used to pre-clean or decontaminate critical or semi-critical medical devices prior to sterilization or high-level disinfection.}

(OR)

This product is not for use on medical device surfaces.

**(Note to Reviewer:** Appropriate dilution rates may be substituted as long as they are equivalent dilution rates.)

**{DILUTION TABLE: (Note to Reviewer: This DILUTION TABLE is optional.)}**

Use	Dilution	Contact Time
For {Hospital} {or} {Medical Environment} {or} {Broad Spectrum} Disinfectant claims	2.1 oz./ gal. water	10 minutes
For {Public Health} Virucidal* claims	2.1 oz./ gal. water	10 minutes
For {Animal} Virucidal* claims	2.1 oz./ gal. water	10 minutes
For Porcine Virucidal claims	1 oz./ gal. water	10 minutes

**{To prepare Use-Solution: {Use Dilution Made Easy:}{Dilution Chart:}**

Dilution Ratio	Per Gallon (128 oz.) of Water	Per Quart (32 oz.) of Water	Per Liter of Water
1:60	2.1 oz.	0.525 oz. [21/40 oz.]	16.4 mL
1:128	1.0 oz.	0.25 oz. [1/4 oz.]	8 mL

### HOSPITAL/HEALTH CARE/MEDICAL/NON-MEDICAL

**FOR USE AS A {ONE-STEP} {GENERAL} {HOSPITAL} {MEDICAL} DISINFECTANT {VIRUCIDE\*} {DEODORIZER} {CLEANER} ON HARD, NON-POROUS NON-FOOD CONTACT SURFACES:**

1. Pre-clean visibly soiled areas.
2. Apply use solution of 2.1 oz. of this product per gal. of water {(or equivalent use dilution)} {(1230 ppm active)} to disinfect hard, non-porous non-food surfaces with a sponge, brush, cloth, mop, {by immersion}, {auto scrubber}, {{mechanical spray device,} {{hand pump} {coarse}} trigger spray device}. For spray applications, spray 6 - 8 inches from surface. Do not breathe spray.
3. Treated surfaces must remain wet for 10 minutes.
4. {{Wipe dry} {with a clean cloth} {or} {allow to air dry}}. {Rinsing of floors is not necessary unless they are to be waxed or polished.}
5. Prepare a fresh solution daily or when visibly dirty.

**FOR USE AS A {GENERAL} {HOSPITAL} {MEDICAL} DISINFECTANT {VIRUCIDE\*} {DEODORIZER} {CLEANER}:**

1. Pre-clean visibly soiled areas.
2. Apply use solution of 2.1 oz. of this product per gal. of water {(or equivalent use dilution)} {(1230 ppm active)} to disinfect hard, non-porous surfaces with a sponge, brush, cloth, mop, {by immersion}, {auto scrubber}, {{mechanical spray device,} {{{hand pump} {coarse}} trigger spray device}. For spray applications, spray 6 - 8 inches from surface. Do not breathe spray.}
3. Treated surfaces must remain wet for 10 minutes. Rinse with potable water after use on surfaces that come in contact with food.
4. {{Wipe dry} {with a clean cloth} {or} {allow to air dry}}. {Rinsing of floors is not necessary unless they are to be waxed or polished.}
5. Prepare a fresh solution daily or when visibly dirty.

**SURGICAL INSTRUMENT PRESOAK:** {{Add} {Mix}} 2.1 oz. of this product per gal. of water {(or equivalent use dilution)} {(1230 ppm active)}. Place pre-cleaned instruments in solution to presoak surgical instruments for a minimum of 10 minutes, then proceed with normal sterilization procedure.

**Note:** Plastic instruments can remain immersed until sterilization procedure. Metal instruments must be removed after 10 minutes, rinsed, dried, and kept in a clean non-contaminated receptacle until sterilization procedure. Prolonged soaking will cause damage to metal instruments. Surgical instruments must be sterilized before use. Prepare a fresh solution daily or when visibly dirty.

**ULTRASONIC BATH DISINFECTANT DIRECTIONS:** Pre-clean visibly soiled areas. Use this product to disinfect hard, non-porous non-critical objects compatible with Ultrasonic cleaning units. Prepare a use solution of 2.1 oz. of this product per gal. of water {(or equivalent use dilution)} {(1230 ppm active)} directly into bath chamber. Place objects into unit and operate {according to manufacturers' use directions} for a minimum of 10 minutes. Remove objects and rinse with sterile water. Allow to air dry. Prepare a fresh solution daily or when visibly dirty.

**FOR DISINFECTING USE ON HARD, NON-POROUS {SEALED FIBERGLASS} BATH AND THERAPY EQUIPMENT:** Drain the water from the unit. Pre-clean visibly soiled surfaces {to remove body oils, dead tissue, soil, and all other buildups}. Prepare a use solution by adding 2.1 oz. of this product per every gal. of water {(or equivalent use dilution)} {(1230 ppm active)}. Refill the unit with the use solution to just cover the intake valve. Briefly start the pump to circulate the solution. Turn off pump. Wash down the unit sides, seat of the chair lift, and all related equipment with a clean swab, brush, or sponge. Treated surfaces must remain wet for 10 minutes for proper disinfection. After the unit has been thoroughly disinfected, drain solution from the unit and rinse surfaces with fresh water. The unit is ready for reuse.

**CLEANING AND DISINFECTING HARD, NON-POROUS SURFACES ON PERSONAL PROTECTIVE EQUIPMENT {(RESPIRATORS)}:** Pre-clean equipment if visibly soiled to ensure proper surface contact. Prepare a use solution by adding 2.1 oz. of this product per gal. of water {(or equivalent use dilution)} {(1230 ppm active)}. Gently mix for uniform use solution. Apply use solution to surfaces of the respirator with a sponge, brush, cloth, {by immersion}, {{mechanical spray device,} {{{hand pump} {coarse}} trigger spray device}. For spray applications, spray 6 - 8 inches from surface. Do not breathe spray.} Rub with brush, cloth, or sponge. Treated surfaces must remain wet for 10 minutes. Remove excess solution from equipment prior to storage. The user must comply with all OSHA regulations for cleaning respiratory protection equipment (29 CFR § 1910.134). Prepare a fresh solution daily or when visibly dirty.

**FOR USE AS A GENERAL DISINFECTANT {CLEANER} ON LIVESTOCK TRANSPORT VEHICLES:**

1. Apply {use solution of} 2.1 oz. of this product per gal. of water {(or equivalent use dilution)} {(1230 ppm active)} to hard, non-porous surfaces using a sponge, brush, cloth, mop, {by immersion}, {auto scrubber}, {{mechanical spray device,} {{{hand pump} {coarse}} trigger spray device}. For spray applications, spray 6 - 8 inches from surface. Do not breathe spray.}
2. Scrape all (feces) (droppings), (manure) (litter) (feathers) (and other animal debris) from vehicle surfaces.
3. Saturate all vehicle surfaces by spraying {solution} until visibly wet.
4. Allow vehicle surfaces to remain wet for 10 minutes
5. Thoroughly scrub all treated surfaces with {solution}
6. Rinse all treated surfaces with water
7. Apply second application of {solution} at (dilution) and leave on
8. Do not return animals to vehicles until surfaces are visibly dry.

**FOR USE ON HARD NON-POROUS SURFACES SUCH AS A BOOT / SHOE WASH TO PREVENT CROSS-CONTAMINATION:**

1. Dilute Atmosphere concentrate {{with water at a 1:60 ratio} {at 2.1 oz. of this product per gal. of water} {(or equivalent use dilution)} {(1230 ppm active)}}.
2. Place shoe baths containing one inch of freshly made Atmosphere Use-Solution at all entrances to building.
3. Scrape all (feces), (droppings), (manure), (litter), and (other soils) from boots and/or shoes.
4. Immerse boots and/or shoes in boot / shoe wash (basins) (tubs) containing Atmosphere Use-Solution.
5. Allow boots and/or shoes to remain wet (saturated) for ten (10) minutes contact time.
6. Remove boots and/or shoes from (basin) (tub) (boot wash).
7. Allow to (air) dry.
8. Change solution daily or when visibly dirty.

## FOOD PROCESSING PREMISES

### FOR USE AS A DISINFECTANT {CLEANER} IN {{FOOD PROCESSING PLANTS/PREMISES} {RENDERING AND DRESSING PLANTS} {TOBACCO PREMISES} {FOOD SERVICE ESTABLISHMENTS} {FOOD STORAGE AREAS AND EQUIPMENT}}:

- Pre-clean visibly soiled areas.
- Apply use solution of 1 oz. of this product per gal. of water {(or equivalent use dilution)} to disinfect hard, non-porous surfaces with a sponge, brush, cloth, mop, {by immersion}, {auto scrubber}, {{mechanical spray device,} {{{hand pump} {coarse}} trigger spray device}. For spray applications, spray 6 - 8 inches from surface. Do not breathe spray.
- Treated surfaces must remain wet for 10 minutes.
- {{Wipe dry} {with a clean cloth} {or} {allow to air dry}.] {Rinsing of floors is not necessary unless they are to be waxed or polished.}
- When disinfecting food contact surfaces used for food preparation, rinse surfaces thoroughly with potable water. This product must not be used to treat the following surfaces: utensils, glassware, dishes, or interior surfaces of processing equipment.

**Note:** All food contact surfaces such as appliances and kitchen countertops must be rinsed with potable water after treatment. Do not use this product to clean or disinfect glassware, utensils, dishes, or interior surfaces of appliances.

**FOR DISINFECTING RENDERING PLANTS:** To disinfect hard, non-porous equipment, utensils, walls and floors in poultry and animal rendering plants (including offal rooms, exterior walls and loading platforms). Remove all heavy soils prior to application. Saturate surfaces with a solution of 2.1 oz. of this product per gal. of water {(or equivalent use dilution)} and scrub to loosen all soils. Surfaces must remain wet for 10 minutes, and then be thoroughly rinsed with potable water before operations are resumed.

## ANIMAL PREMISES

### {ANIMAL PREMISES:}

*(Note to reviewer: The following statement will be used on all labels with use directions for animal premises except terrariums, small animal cages, and reptile tanks.)*

Prior to use of this product, remove all animals {poultry} and feeds from {{premises} {areas to be treated}}, animal transportation {{vehicles} {trucks,} {cars,}] and enclosures {coops,} {crates,} {kennels,} {stables}. Remove all litter, droppings and manure from floors, walls and surfaces of barns, pens, stalls, chutes and other surfaces of facilities and fixtures occupied or traversed by {poultry or other} animals. Empty all troughs, racks and other feeding and watering appliances. Thoroughly clean surfaces with soap or detergent and rinse with water.

{{FOR USE AS AN ANIMAL PREMISE DISINFECTANT/VIRUCIDE\*}: Prepare a use solution of 2.1 oz. of this product per gal. of water {(or equivalent use dilution)} {{(1230 ppm active)}}.

**FOR USE AS AN PORCINE PREMISE DISINFECTANT/VIRUCIDE\*:** Prepare a use solution of 1 oz. of this product per gal. of water {(or equivalent use dilution)} {{(585 ppm active)}}]

Apply use solution to disinfect hard, non-porous surfaces with a sponge, brush, cloth, mop, {by immersion}, {{mechanical spray device,} {{{hand pump} {coarse}} trigger spray device}. For spray applications, spray 6 - 8 inches from surface. Do not breathe spray. Immerse all halters and other types of equipment used in handling and restraining animals, as well as forks, shovels, and scrapers used for removing litter and manure in the use solution. Treated surfaces must remain wet for 10 minutes. Ventilate buildings, coops, and other closed spaces. Do not house {{animals} {poultry} {livestock}} or employ equipment until treatment has been absorbed, set, or dried. Thoroughly scrub all treated feed racks, troughs, automatic feeders, fountains and waterers and other treated equipment which can contact food or water with soap or detergent, and rinse with potable water before reuse.

**HATCHERIES:** Use to treat hatching, setters, trays, racks, carts, sexing tables, delivery trucks and other hard, non-porous surfaces. Use 2.1 oz. of this product per gal. of water {(or equivalent use dilution)}. Leave all treated surfaces wet for 10 minutes or more. Allow to air dry.

**VEHICLES:** To {{clean} {and} {disinfect}} hard, non-porous surfaces on vehicles including mats, crates, cabs, trailers, and wheels, use 2.1 oz. of this product per gal. of water {(or equivalent use dilution)}. Apply use solution to hard, non-porous surfaces on vehicles. Leave treated surfaces wet for 10 minutes. Allow to air dry.

**REPTILE TANK CLEANING AND DISINFECTION DIRECTIONS:** Remove all reptiles from the {{enclosure} {tank}} prior to cleaning and disinfecting. Remove all litter or droppings from surfaces. Empty all equipment used for feeding or watering reptiles. Thoroughly clean surfaces with soap or detergent and rinse with water. Apply disinfecting and virucidal\* solution of 2.1 oz. of this product per gal. of water {(or equivalent use dilution)} {{(1230 ppm active)}} to hard, non-porous surfaces of the {{enclosure} {tank}}. Apply by cloth, mop, brush, sponge, {by immersion,} {{mechanical spray device,} {{{hand pump} {coarse}} trigger spray device.} For spray applications, spray 6 - 8 inches from surface. Do not breathe spray. Allow surfaces to remain wet for 10 minutes. Wipe dry {with a paper towel}. Rinse surfaces that come in contact with food with potable water before reuse. Allow the enclosure {tank} to ventilate for a minimum of 10 - 15 minutes before replacing the reptiles. Prepare a fresh solution daily or when visibly dirty.

**Note:** Do not apply this product directly onto the reptile. If this product comes into contact with the reptile's skin, then immediately wash the material off of the animal with lukewarm water. If the reptile ingests this product, contact your veterinarian immediately.

**TERRARIUM AND SMALL ANIMAL CAGE AND CAGE FURNITURE DISINFECTION:** {Animals frequently defecate on rocks and other hard, non-porous cage furniture items inside your terrarium. This can result in high bacteria and ammonia levels that can lead to possible infection/disease in your animals. When used regularly, this product can eliminate these high bacteria/ammonia levels in your cage and on your cage furniture items.} (Do not use on porous rocks, hot rocks, and driftwood.)

1. Remove all animals.
2. Thoroughly clean surfaces and objects {caves, cage furniture, feeding and watering dishes, and appliances} including the substrate in the terrarium or cage with soap or detergent and rinse with water.
3. Saturate all hard, non-porous surfaces {such as floors, walls, cages, and other washable hard, non-porous surfaces} with the disinfecting and virucidal\* solution of 2.1 oz. of this product per gal. of water {(or equivalent use dilution)} {(1230 ppm active)} so as to wet thoroughly.
4. Apply by cloth, mop, brush, sponge, {by immersion,} {(mechanical spray device,} {{{hand pump} {coarse}} trigger spray device}. For spray applications, spray 6 - 8 inches from surface. Do not breathe spray}. Rub with brush, cloth, or sponge. For smaller surfaces, use a trigger spray bottle to spray surfaces with solution.
5. Allow surfaces to remain wet for a period of 10 minutes.
6. Saturate gravel as above and let stand for 10 minutes. Place in bucket of clean water and swirl for 15 - 30 seconds. Thoroughly air dry before returning to terrarium.
7. Thoroughly scrub all treated surfaces (except gravel) with soap or detergent and rinse with potable water before reuse.
8. Do not return animals to the habitat until it is dry and ventilated.
9. Clean terrarium at least once weekly or more as needed. Change cloth, sponge, or towels frequently to avoid redeposition of soil.
10. Prepare a fresh solution daily or more often if use solution becomes visibly soiled or dirty.

**Note:** Substrates for desert terrariums (i.e. gravel) must be completely dry before returning to terrarium to avoid high humidity levels. Always replace substrate if a foul odor persists. Do not apply this product directly onto the small animal. If this product comes into contact with the small animal's skin, then immediately wash the material off of the animal with lukewarm water. If the small animal ingests this product, contact your veterinarian immediately.

## BARBER/SALON

**FOR USE AS A DISINFECTANT, VIRUCIDE\* OF GROOMING CLIPPERS, HAIR CLIPPERS, ELECTRIC SHEARS, BARBER/SALON SHEARS AND OTHER IMPLEMENTS {,} {{BARBER} {MANICURE} {NAIL} {SALON}} INSTRUMENTS AND TOOLS:** {Remove hair, dandruff, and dust particles prior to disinfecting the blades. {[Turn the clipper off occasionally during use and spray between the teeth of blades} {While clipper/shear is running, hold in the downward position and spray}} with a use solution of 2.1 oz. of this product per gal. of water {(or equivalent use dilution)}. Do not spray on the clipper case or drip into clipper housing.} Immerse pre-cleaned barber/salon tools such as combs, brushes, {plastic rollers,} razors, {(clipper and/or trimmer} blades}, {tweezers,} manicure/pedicure tools, scissors, and other salon instruments and tools in a use solution of 2.1 oz. of this product per gal. of water {(or equivalent use dilution)} for at least 10 minutes. Rinse thoroughly and dry before use. Prepare a fresh solution daily or when visibly dirty.

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

**FOR USE AS A DISINFECTANT, VIRUCIDE\*, OF HARD, NON-POROUS SURFACES IN FOOTBATHS:** To remove body oils, dead tissue, soil and all other buildups or organic matter on surfaces after using the footbath, drain the water and thoroughly clean surfaces with soap or detergent, then rinse with water. Apply a use solution of 2.1 oz. of this product per gal. of water {(or equivalent use dilution)} on surfaces with a brush, cloth, mop, sponge, {{{hand pump} {coarse}} trigger spray device}. For spray applications, spray 6 - 8 inches from surface. Do not breathe spray}. Brush or swab thoroughly and allow solution to stand for 10 minutes. After the unit has been thoroughly disinfected, rinse surfaces with fresh water. The unit is then ready for reuse.

## RESTROOM/BATHROOM

### NON-ACID TOILET BOWL {AND URINAL} DISINFECTANT {/CLEANING} DIRECTIONS:

Remove heavy soil prior to disinfection.

**From a Concentrate:** Add 0.2.1 oz. of this product directly into the water in the toilet bowl. Brush thoroughly over exposed surfaces and under the rim with a toilet {[brush} {mop}], cloth, or sponge. Allow solution to stand for 10 minutes and flush.

**From a Use Solution:** Empty water out of toilet bowl or urinal and apply a use solution prepared by adding 2.1 oz. of this product per gal. of water {(or equivalent use dilution)} {(1230 ppm active)} to exposed surfaces, including under the rim with a toilet {[brush} {mop}], cloth, or sponge, {{{hand pump} {coarse}} trigger spray device}. For spray applications, spray 6 - 8 inches from surface. Do not breathe spray.} Brush or swab thoroughly, then allow solution to stand for 10 minutes and flush.

**FOR HEAVY DUTY CLEANING OF TOILET BOWLS {AND URINALS}: Pre-clean visibly soiled areas. Empty toilet bowl or urinal and apply a use solution of 2.1 oz. of this product per gal. of water to exposed surfaces including under the rim with toilet {[brush} {mop}], cloth, or sponge, {or {mechanical spray device,} {{{hand pump} {coarse}} trigger spray device}. For sprayer application, spray 6 - 8 inches from surface. Do not breathe spray}. To aid in soil removal, allow to soak. Brush or swab thoroughly and allow solution to stand for 10 minutes and flush.**

**{DEEP} CLEANING/DISINFECTING [{WATERFREE} {WATERLESS}] URINALS:** Pre-clean visibly soiled surfaces. Remove and properly dispose of cartridge according to manufacturer's directions. Deep clean or disinfect the entire urinal by applying a use solution of 2.1 oz. of this product per gal. of water {(or equivalent use dilution)} directly onto surface. [{Brush} {Scrub}] surfaces and let solution stand for 10 minutes. Wipe surface to clean. Change cartridge as needed. The unit is ready for use.

**TO CLEAN WATERFREE {/WATERLESS} URINALS:** Remove any debris from the urinal. Spray 0.5 to 1 oz. of use solution onto urinal surface. To prepare use solution: Add 2.1 oz. of this product per gal. of water {(or equivalent use dilution)} {(1230 ppm active)}. DO NOT spray product directly onto cartridge. Wipe surface to clean. Change cartridge as needed. The unit is ready for use.

**TO DISINFECT TUBS, SHOWER STALLS, SINKS, AND FAUCETS:** Pre-clean visibly soiled areas. Apply a use solution of 2.1 oz. of this product per gal. of water {(or equivalent use dilution)} on all hard, non-porous surfaces with a brush, cloth, mop, sponge, {{{hand pump} {coarse}} trigger spray device.) For spray applications, spray 6 - 8 inches from surface. Do not breathe spray). Allow surface to remain wet for at least 10 minutes. [{Rinse} {Wipe {up excess liquid} {on} {surfaces} {with a paper towel}}] {and} {or} {Allow to air dry}. Change cloth, sponge, or towels frequently to avoid redeposition of soil. Prepare a fresh solution daily or when visibly dirty.

**FOR USE TO CLEAN AND DISINFECT HARD NON-POROUS SURFACES SUCH AS SHOWER ROOMS, LOCKER ROOMS AND OTHER LARGE, OPEN AREAS WITH FLOOR DRAINS:**

1. Pre-clean visibly soiled areas.
2. Apply a use solution of 2.1 oz. of this product per gal. of water {(1230 ppm active)} {(or equivalent use dilution)} to hard, non-porous surfaces including floors, walls and ceilings making sure not to over spray. To disinfect, hard, non-porous surfaces must remain wet for 10 minutes.
3. Scrub using a deck brush or other coarse material as necessary.
4. Rinse surfaces thoroughly and let air dry.
5. Prepare a fresh solution daily or when visibly dirty.

## DEODORIZATION/CLEANING

**FOR USE AS A {GENERAL} CLEANER {AND/OR DEODORIZER}:** Prepare use solution of 2.1 oz. of this product per gal. of water {(or equivalent use dilution)} and apply to hard, non-porous surfaces. [{Rinse} {Wipe up excess liquid {with a paper towel}}] {and} {or} {Allow to air dry}. For heavy-duty use, [{add} {mix} {apply}] 2.1 oz. of this product per gal. of water to clean hard, non-porous surfaces.

**GENERAL DEODORIZATION:** To deodorize, apply 2.1 oz. of this product per gal. of water {(or equivalent use dilution)} to hard, non-porous surfaces. [{Rinse} {Wipe up excess liquid {with a paper towel}}] {and} {or} {Allow to air dry}.

**FOR DEODORIZING SEPTIC STORAGE TANKS:** Pre-clean visibly soiled areas. When tanks are empty, pour 2.1 oz. of this product for every gal. of water in tank on recreational vehicles, campers, and boats to control odors. As tank fills with sewage and the vehicle is moving, this solution will mix and provide an adequate deodorizing solution for this use. This product is to be used on gray and black water tanks only. Dispose of sewage in accordance to federal, state, and local regulations for waste disposal. (Not for use in CA.)

**RV HOLDING TANKS/RECREATIONAL VEHICLES:** For toilet waste and holding tanks, cover bottom of holding tank with water and add 2.1 oz. of this product per X gal. of water to deodorize. If odors return before time to empty, add another 2.1 oz. of this product per gal. of water to the tank. For kitchen waste, add 2.1 oz. of this product per gal. of water to gray water tank as needed to control malodors created by dirty dishwasher. (Not for use in CA.)

**AUTOMOTIVE USES:** A solution of 2.1 oz. of this product per gal. of water will effectively neutralize {damp musty} odors. Spray or apply onto seats, carpets, headliner, and ashtray or into trunk and all vents to eliminate odors from tobacco, food, beverage spills and musty carpet. For sprayer applications, use a coarse spray device. [{Wipe up excess liquid {with a paper towel}}] {and} {or} {Allow to air dry}. (Not for use in CA.)

**AIR FRESHENER:** A solution of 2.1 oz. of this product per gal. of water will effectively neutralize {damp musty} odors caused by mildew in storage areas, basements, closets, bathrooms, and A/C filters. Spray to eliminate odors from tobacco, food, beverage spills and musty carpet. For sprayer applications, use a coarse spray device. [{Wipe up excess liquid {with a paper towel}}] {and} {or} {Allow surface to air dry}. (Not for use in CA.)

**GLASS CLEANING {/DEODORIZING} DIRECTIONS:** Use a 2.1 oz. of this product per gal. of water use solution to clean and deodorize windows, mirrors, and glass surfaces. Use a coarse spray device. For spray applications, spray 6 - 8 inches from surface. Do not breathe spray. Rub with sponge or cloth. Change cloth, sponge, or towels frequently to avoid re-deposition of soil.

**FOR ODORS CAUSED BY PETS:** Use a solution of 2.1 oz. of this product per gal. of water on rugs, floors, walls, tile, cages, crates, litter boxes, mats, floor coverings, or any surface soiled by a pet. Spray to eliminate odors from pets using a coarse spray device. Do not breathe spray. [{Wipe up excess liquid {with a paper towel}}] {and} {or} {Allow surface to air dry}. (Not for use in CA.)

**FOR USE AS A CLEANER ON FINISHED FLOORS:** To limit gloss reduction, use 2.1 oz. of this product per gal. of water. Apply with a damp mop or auto scrubber. Allow surface to air dry.

## OTHER USES

**DISINFECTION/VIRUCIDE\* OF HARD, NON-POROUS SURFACES IN WHIRLPOOL UNITS:** After using the whirlpool unit, drain unit. Prepare a use solution of 2.1 oz. of the product per gal. of water {(or equivalent use dilution)} and refill with use solution to just cover the intake valve {or 2 inches above the highest jet}. Briefly start the pump to circulate the solution. Turn off the pump. Wash down the unit sides, seat of the chair lift and any other related equipment with a clean swab, brush, or sponge. Treated surfaces must remain wet for 10 minutes. After the unit has been thoroughly disinfected, drain the solution from the unit and rinse disinfected surfaces with fresh water. Wipe dry with a clean sponge or cloth or allow to air dry. Repeat for heavy soiled units.

**FOR DISINFECTING BAGLESS VACUUM CLEANERS:** Turn off and unplug vacuum cleaner. Remove the hard, non-porous container that houses collected material from the vacuum cleaner. Empty contents into a waste receptacle. Rinse collection container with water and wipe clean to remove any additional collected material. Prepare a use solution of 2.1 oz. of this product per gal. of water {(or equivalent use dilution)} and apply use solution to collection container with a brush, cloth, mop, sponge, {{mechanical spray device,} {{{hand pump} {coarse}} trigger spray device}. For sprayer applications, spray 6 - 8 inches from surface. Do not breathe spray.} Allow surfaces to remain wet for 10 minutes. Wipe up excess liquid with a clean cloth or sponge or allow to air dry. Reattach container to vacuum cleaner.

**FOR DISINFECTING NON-POROUS VACUUM CLEANER BRUSHES:** Turn off and unplug vacuum cleaner. Remove the non-porous brushes from vacuum cleaner. Prepare a use solution of 2.1 oz. of this product per gal. of water {(or equivalent use dilution)} and submerge brush in use solution so as to wet surfaces thoroughly. Allow surfaces to remain wet for 10 minutes. Wipe up excess liquid with a clean cloth or sponge or allow to air dry. Reattach brushes to vacuum cleaner.

## RESIDENTIAL/HOUSEHOLD USE

**CLEAN/DISINFECT/DEODORIZE {KITCHEN/BATHROOM/HOUSEHOLD} HARD, NON-POROUS NON-FOOD CONTACT SURFACES:** Pre-clean visibly soiled areas. Apply a solution of 2.1 oz. of this product per gal. of water {(or equivalent use dilution)} to hard, non-porous non-food contact surfaces with a brush, cloth, mop, sponge, {{mechanical spray device,} {{{hand pump} {coarse}} trigger spray device}. For spray applications, hold container 6 to 8 inches from surface. Do not breathe spray.} For disinfection, treated surfaces must remain wet for 10 minutes. Rinse with potable water after use on surfaces that come in contact with food. Wipe up excess liquid or allow to air dry. Prepare a fresh solution daily or when visibly dirty.

## ALTERNATE CONTAINER/DELIVERY SYSTEMS

### {AUTOMATED DILUTION SYSTEM} {(DILUTION SYSTEMS TRADE NAME)} {CLOSED LOOP DISPENSING} {BAG-IN-BOX} INSTRUCTIONS:

Remove [{cap} {spray nozzle}] from empty container. Fill empty container with a freshly prepared use solution. Replace [{cap} {spray nozzle}]. Place correct use-dilution label on newly filled container.

(OR)

{Remove cap and} Insert [{cartridge} {container}] into dispenser. {See dispenser instructions for proper placement of [{cartridge} {container}].} [{Press button} {or} {turn knob}] to dispense *(Insert appropriate dilution from dilution list)* of this product into a [{bucket}, {bottle}, {scrubber} or {other} {container}].

(OR)

Turn off water to connect [{unit} {cartridge}]. Attach water source. Rotate control knob to fill a [{bottle} {or} {bucket} {other container}]. Squeeze handle to dispense *(Insert appropriate dilution from dilution list)*. {See device instruction manual for more information.}

(OR)

{Remove *{insert color}* locking rings.} Push {the} control knob [{sideways} {down}] until [{bottle} {bucket}] icon is completely depressed against the dispensing head {for [{low} {high}] flow rate applications such as filling [{a} {coarse} trigger spray bottle] {mop buckets}]. {Use hose with quick-connect, supplying potable water – Connect to dispensing head. Squeeze to dispense. Slide holding lock to dispense into a bucket and free hands.}

(OR)

Attach sprayer unit to hose. Secure tightly. Check that the sprayer is in the off position. Turn on water. Turn sprayer to on position to dispense *(insert appropriate dilution from dilution list)*. Spray evenly over surface. When finished turn sprayer to off position and then turn water off. Separate mixing of the concentrate or other application equipment is not required. First ensure the hose faucet is turned off.

(OR)

Ensure water source is off. Attach water hose to [{dispensing unit} {sprayer unit}] and attach to container. {See dispenser instructions for proper assembly}. Secure all connections. Ensure that the [{lever} {knob} {dial}] on the [{dispenser} {sprayer}] is in the [{off} {closed}] position. Turn on the water. Turn the [{lever} {knob} {dial}] on the [{dispenser} {sprayer}] to the [{on} {open}] position to [{dispense solution into a} {bucket}, {bottle}, or {other} {container}] {spray onto surfaces}. When finished, turn the [{lever} {knob} {dial}] on the [{dispenser} {sprayer}] to the [{off} {closed}] position and turn the water off.

OR)

{Twist a (*insert package name*) Cap onto (*insert product name*) spout.} Fit ¼" tubing to the automatic dilution system and attach to (*insert package name*) Cap. {Insert an in-line check valve in the run of the tubing between the automatic dilution system and the (*insert package name*) Cap.} Push tubing over the barbs of the (*insert packing name*) Cap. Secure tubing connections with plastic zip ties. {{Place} {Hang}} (*insert package name*) {{upside down} {on its side}}. See automatic dilution system instructions for detailed directions. (OR)

This package is designed to be used with dilution control systems only. Open package and connect to {{hose} {system}} to dispense according to directions on the box.

**DILUTABLE BAGS OR POUCHES:** {{Remove} {Unscrew}} {{cap} {spout} {sprayer}} from {{bag} {pouch}}. Fill {{bag} {pouch}} with (*insert quantity here*) oz. of water. Replace {{cap} {spout} {sprayer}}. Squeeze {{bag} {small section filled with concentrate}} until the seal between water and concentrate is broken. Shake to mix. {{Open {{cap} {spout}} to dispense in {{bucket} {bottle} or {other} {container}.} {Spray onto surfaces.} {Pull top on cap and squeeze bag to dispense onto surfaces.}} Do not refill {{bag} {pouch}}.

**PRE-MEASURED CARTRIDGES:** Fill {appropriate} {{bottle} {container}} with (*insert quantity here*) oz. of water. {{Apply} {Insert} {Twist} {Screw}} cartridge {{onto} {into}} {{bottle} {container}} {{finish} {opening}}. {Remove any tamper evident protection.} {{Lift} {Unscrew} {Open}} cap {from the cartridge}. {{Push} {Press} {Twist}} the {{button} {activator} {dial} {knob}} {to release the concentrate into the diluent.} {Replace cap.} Shake to mix. {{Remove cap} {Flip top} {Pull top} {Peel film}} to open. {{Dispense contents into {{bucket}, {bottle}, or {other} {container}} {Squeeze bottle to dispense contents onto surfaces}}. Keep cartridges in {{box} {dispenser} {holder}} until ready to use.

**{COARSE} TRIGGER SPRAYERS:** Fill bottle from dispenser. {Apply to surfaces according to directions above.}

#### SPRAY USE INSTRUCTIONS:

##### How to Assemble Extendable Trigger

1. Remove {{cap} {sprayer}} from bottle.
2. Insert end of tube into bottle until new cap meets bottle.
3. Twist cap onto bottle until secure.

##### How to Spray

1. Adjust nozzle to ON (**Note to Reviewer:** *There will be an ON symbol here*) position as indicated on nozzle.
2. {{To prime sprayer, direct nozzle toward surface to be treated and squeeze trigger several times until liquid is seen through the length of the tube. **Note:** Keeping sprayer head below the level of liquid in bottle will make priming easier.} {When priming, hold sprayer level to the ground. If held at an angle, sprayer will not prime.}}

##### After Use

1. Turn nozzle to OFF (**Note to Reviewer:** *There will be an OFF symbol here*) position.

(*Spray Cap container language*)

**Shake Well.** Remove sticker. Open flip cap. Firmly insert red hose tip.

**MOP BUCKETS:** Fill bucket from dispenser. Set up "Wet Floor" signs. Mop floor surfaces as specified in directions above.

#### REFILLS

**To Refill Concentrate from Large Containers into Smaller Containers:** This product may be used to fill and refill clean, properly labeled containers for dilution elsewhere within your facility. Make sure the small container has been cleaned, dried, and properly labeled according to state and local regulations. Also make sure other items (funnels or hand pumps) are properly cleaned and dried. To refill, {{simply pour} {pump product}} from the larger container directly into the smaller one being careful not to spill any product. Keep both containers sealed when not in use.

## STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage and disposal.

**{PESTICIDE} STORAGE:** Store only in original container. Keep this product under locked storage sufficient to make it inaccessible to children or persons unfamiliar with its proper use.

**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 HANDLING:

*{(Note to Reviewer: One or more of the following paragraphs for Container Handling will be selected, depending on packaging use/type.)}*

*{For residential/household use ONLY}*

Non-refillable container. Do not reuse or refill this container. Offer for recycling if available or place in trash.

*{For products with industrial, institutional, commercial use – May choose appropriate non-refillable/refillable statement.}*

*{For non-refillable containers equal to or less than 5 gal.}*

Non-Refillable Container. Do not reuse or refill this container. Triple rinse container {(or equivalent)} promptly after emptying. Triple rinse as follows: Fill the container ¼ full with water and recap. Shake for 10 seconds. Drain for 10 seconds after the flow begins to drip. Follow Pesticide Disposal instructions for rinsate disposal. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration.

*{For non-refillable containers greater than 5 gal.}*

Non-Refillable Container. Do not reuse or refill this container. Triple rinse container {(or equivalent)} promptly after emptying. Triple rinse as follows: Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip back and forth several times. Turn the container over onto its other end and tip back and forth several times. Follow Pesticide Disposal instructions for rinsate disposal. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration.

*{For non-refillable packets, Bag-In-Box, and other sealed containers}*

*{(Note to Reviewer: sealed containers are designed to reduce worker exposure to the concentrate. None of these types of containers can be triple rinsed because they are closed, welded, sealed containers.)}*

Non-Refillable Container. Do not reuse or refill this container. {Wrap empty container and} Put in trash or offer for recycling.

*{Refillable containers}*

Refillable Container. Refill this container with this product only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal empty the remaining contents from this container into application equipment or a mix tank. Fill container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

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## PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**DANGER.** Corrosive. Causes irreversible eye damage and skin burns. May be fatal if inhaled. Harmful if swallowed or absorbed through the skin. Do not breathe spray mist. Do not get in eyes, on skin or on clothing. Wear a minimum of NIOSH-approved particulate filtering facepiece respirator with any N, R, or P filter. Higher level respirators that are NIOSH approved for particulates can also be used. Wear goggles or face shield and chemical-resistant gloves and protective clothing when handling. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove contaminated clothing and wash clothing before reuse.

## ENVIRONMENTAL HAZARDS

*{(If container is equal to or greater than 5 gal., the following statement must appear on the label.)}*

This pesticide is toxic to fish, aquatic invertebrates, oysters, and shrimp. 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 into sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

*{(If container is less than 5 gal., use the following as an alternate to the above statement.)}*

This pesticide is toxic to fish, aquatic invertebrates, oysters, and shrimp.

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## {SPANISH ADVISORY STATEMENTS}

*{(Note to Reviewer: This statement is optional.)}*

{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.}

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## GRAPHICS AND ICONS

**Note to Reviewer:** These are representative icons for use sites/application methods listed in the location/surfaces section of this label that may appear on the label with the appropriate directions for use, PPE, or package type.)

{Picture of Bathroom}

{Picture of Toilet}

{Picture of Urinal}

{Picture of Sink}

{Picture of Laboratory  
Equipment}

{Picture of Gloved Hand and  
Spray Bottle}

{Picture of Gloved Hand and  
Towel}

{Picture of Mop and Bucket}

{Disinfectant Logo}

{Baby Drowning in Bucket  
Warning Graphic}

{Recycling Logo}

{Picture of Toilet Brush}

{Made in USA Logo/Flag}