

777-72

03/15/2006

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

March 15, 2006

Liane Jenkins
Regulatory & Registration Compliance Assoc.
Reckitt Benckiser, Inc.
Morris Corporate Center IV
399 Interpace Parkway
Parsippany, NJ 07054-0225

Subject: **Biosol**
EPA Registration No. 777-72
Application Date: December 27, 2005
Receipt Date: December 29, 2005

Dear Ms. Jenkins:

The following amendment, submitted in connection with registration under section of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), is acceptable with the following conditions:

Proposed Amendments

- Adding/revising various marketing claims
- Reformatting layout of master label
- Adding Avian Influenza Virus for disinfection
- Adding specific Directions for use for animal premise
- Addressing the Aliphatic Alcohol RED 8 month response required label changes

Conditions

1. The submitted efficacy study is conditionally accepted for the use of the product, Biosol, as a disinfectant with virucidal activity (ready-to-use) against influenza A (H1N1) when sprayed for 2-3 seconds at a distance of 6-8 inches on hard, non-porous surfaces for a contact time of 30 seconds. Upon submission of neutralizer effectiveness data, fully acceptance can be granted to the current registration and the proposed label.
2. Upon submission of the requested neutralizer effectiveness data, the proposed label claim for Avian Influenza will be accepted. According to the Protocol Amendment (cited in the efficacy study), the supported information from ATCC was classified as Orthomyxovirus, Avian by ATCC. Therefore, claims against Avian Influenza will be granted.

CONCURRENCES

SYMBOL							
SURNAME							
DATE							

3. Upon submission of the requested neutralizer effectiveness data, the directions for Farm Premise, Livestock, Poultry & Turkey Disinfection and Veterinary Practice/Animal Care/Animal Laboratory/Zoos/Pet Shops/Kennels Disinfection will be accepted.

Labeling Comments

1. The following label claims are unacceptable, and therefore must be deleted.
 - 30 seconds is all it takes to kill 99.9% of germs***
 - Kills (Destroys) (Eliminates) 99.9% of germs***
 - Kills (Destroys) Eliminates) 99.9% of germs*** on hard, non porous surface in (30) seconds
 - Kills (Destroys) Eliminates 99.9% of germs*** on hard non-porous (kitchen) (bathroom) (household) surfaces in (30) seconds
 - Kills (99.9%) of (household) germs*** in (30) seconds

The Agency's germ policy is for disinfectant products that demonstrates effectiveness against bacteria, viruses and/or pathogenic fungi. The performance standard and protocol to support a sanitizing claim only test bacteria. Therefore, a germ claim in association with sanitization is unacceptable.

2. On page 4 delete the statements, "help protect your family from cross contamination of germs** (on hard, non-porous surfaces)..." and "(Help protect yourself and your family from germs**)(germ protection)(when you are on the go)(in public bathrooms)(for public telephones)(on public transportation)(in the gym)(at work)(while shopping)". This type of claim is beyond the Agency's jurisdiction and the scope of this product's registration as a disinfectant. As an alternative, you may claim that this product "aids in the reduction of cross contamination of germs on hard, non-porous surfaces."
3. Delete the following label claims, for these claims imply heightened efficacy of the product (PR notice 91-7):
 - The (disinfectant) (sanitizer) for the new millennium
 - People respect the LYSOL brand name for providing surface disinfection (and gain the added benefit of a sanitary environment)
 - Gets to the heart of odors
4. Remove the following label claims as they imply residual activity for which efficacy data has not been submitted:
 - (Helps) Prevent odor-causing germs**
 - (Helps) Prevents the spread of harmful (illness-causing) (household) germs**
 - (This product) prevents odors at their source caused by (germs)(bacteria) or (mildew)
 - (Continues to)(control)(Kill) odor-causing (germs**)(bacteria*) between (daily) uses
 - Control (prevents) the growth of mold and mildew (in)(on)

Submit three (3) copies of the labeling bearing the revisions stated above. A copy will be stamped and returned for your records.

Other Comments:

Enclosed is a copy of the AD/PSB Efficacy Review dated March 2, 2006, for your consideration.

Should you have any questions or comments concerning this letter, please contact me by telephone at (703) 308-6422 or email address at: heyward.adam@epa.gov, or Renae Whitaker by telephone at (703) 308-7003 or email address at: whitaker.renae@epa.gov.

Sincerely yours,



Adam Heyward
Product Manager (34)
Regulatory Management Branch II
Antimicrobials Division (7510C)

Enclosure: AD/PSB Efficacy Review

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<< Front Panel >>

ACTIVE INGREDIENTS:

Alkyl (50% C ₁₄ , 40% C ₁₂ , 10% C ₁₆)	
dimethyl benzyl ammonium saccharinate	0.106%
Ethanol	79.646%

OTHER INGREDIENTS:	<u>20.248%</u>
TOTAL:	100.000%

KEEP OUT OF REACH OF CHILDREN

WARNING: SEE BACK (SIDE) PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

NET WT.:	1.0 OZ.	(28 g)
	1.5 OZ.	(43 g)
	4 OZ.	(113 g)
	6 OZ.	(170 g)
	12 OZ.	(340 g)
	13 OZ.	(369 g)
	18 OZ. (1 LB. 2 OZ.)	(510 g)
	19 OZ. (1 LB. 3 OZ.)	(538 g)

<< Front or Back Panel >>

EPA Reg. No.: 777-72
 EPA Est. No.: 777-NJ-2
 11525-IL-1
 13891-IN-001
 61203-MA-001
 777-MO-1

See bottom or side (for Lot/Date code)

ACCEPTED
with COMMENTS
EPA Letter Dated:

MAR 15 2006

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No. 777-72

<< Back Panel >>

Questions? Comments? Call: (1-800-228-4722) (1-800-677-9218)

(or) Visit us at (www.lysol.com) (www.reckittprofessional.com)

Made in U.S.A. © RBI (year) (DOT 2P)

Distributed by: Reckitt Benckiser Inc., Parsippany, NJ 07054(-xxxx)

<< Front or Back Panel >>

Federal regulations prohibit CFC propellants in aerosols.

Graphic Symbol (Contains no CFC's or other ozone depleting substances)

This can is made from an average of 25% recycled steel (10% post-consumer).

Recycle Symbol

<< Back Panel - Optional text >>

Company Logo (Reckitt Benckiser Professional)

Important facts (about this product):

Encourage your local authorities to establish a program to recycle this can.

NOTE: Bracketed information is denoted as: << directive >>, { insert as noted }, (optional text), [required qualifier]. The product used throughout this document may be replaced with the marketed product brand name. To use the product must be efficacious against 2 of the 3 major classes of organisms. The product label must identify the specific virus, fungus & mold.

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<< Front or Back Panel - Marketing / Product Performance claims -- use as bullet point or in paragraph format >>

(Bayberry Pine)(Citrus) (Country) (Crisp Berry) (Crisp Linen) (Forest Rain) (Fresh) (Garden Mist) (Grapefruit Blossoms) (Green Apple) (Light) (Lite) (Mountain Air) (Original) (Pine) (Powder) (Powder Mist) (Regular) (Soft) (Soft Powder) (Spring Waterfall) (Summer Breeze) (Scent) (For the Holidays) (New) (Improved) (Pleasant Fragrance) (Pleasant Scent) (New Size) (Travel Size) (Trial Size)

(Antibacterial Action) (Antibacterial Spray) (Bactericide) (Bactericidal) (Deodorizer) (Deodorizes) (Disinfectant) (Disinfects) (Fungicidal) (Fungistat) (Germicidal) (Hospital Disinfectant) (Mildewcide) (Mildewcidal) (Mildewstatic) (Multi-Purpose) (Multi-Room) (Multi-Surface)(Multi-Surface Disinfectant)(Room Deodorizer) (Sanitizer) (Sanitizes) (Surface Disinfectant) (Tuberculocidal) (Virucidal^T)

America's Home & Hospital Disinfectant

Clean, fresh scent

Everyday Formula

Fast, Easy, Effective

For any surface where germs are a concern.

For Hospital Use (graphic)

For use in (Hospitals) (Homes) (as a disinfectant)

For use in Institutional and Industrial Facilities

For use in farm premise and veterinary practice

For use in livestock, poultry & turkey house disinfection

For use in animal care (animal laboratory) (zoo) (pet shop) (kennels) areas

For use on (medical) (lamps) (stands) (patient) (bed frames) (bedside tables) (wheelchairs) (and other similar equipment).

Formulated for medical institution's (infection control program) needs.

{Fragrance Name} has a clean (scent) (fragrance) (smell)

(Great) For use on (the following) (modern) washable surfaces ({insert surfaces}). Great on {insert surfaces}

Great for use on the go

Great on {insert surface}

Leaves (household) (bathroom) (restroom) surfaces sanitary.

Leaves no (sticky) residue

LYSOL[®] brand

Meets AOAC Germicidal Spray Test standards.

Mini

On-the-go

Pleasant fragrance (scent)

People respect the LYSOL[®] brand name for providing surface disinfection (and gain the added benefit of a sanitary environment).

Perfect for eliminating your toughest odors at their source

Protect your (family) (work place) from germs** with (Professional) LYSOL[®] Brand Disinfectant products.

Ready to use

(Still) Great for (bathrooms) (restrooms)

Take it with you on the go

(This product) is effective in killing and preventing the growth of Mold and Mildew on surfaces. Disinfecting with

LYSOL[®] is an effective way to eliminate mold and mildew growth on household surfaces that can cause allergic reactions in many Americans. For allergy and asthma sufferers, controlling triggers, like household mold, is a key step to feeling better.

The (disinfectant) (sanitizer) for the new millennium

The power of LYSOL[®]

To-go

Use (this product) on all (washable) hard, non-porous (environmental) surfaces: {insert surfaces}

Use this product to disinfect non-critical hard, non-porous environmental surfaces in all health care facilities (including dental and physician offices).

Works on a wide range of (bathroom) (restroom) surfaces.

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<< Sanitizing hard non-porous, non-food contact surface claims -- >>

(Front or Back Panel Claims)

30 seconds is all it takes to kill 99.9% of bacteria***
An effective (fast-acting) non-food contact surface sanitizer (for use in {insert use site})
Fast Acting Sanitizer
Great for use as a non-food contact surface sanitizer in {insert use site}
Kills (Destroys) (Eliminates) 99.9% of bacteria***
Kills (Destroys) (Eliminates) 99.9% of bacteria on hard non-porous surfaces in (30) seconds.***
Kills (Destroys) (Eliminates) 99.9% of bacteria on hard non-porous (kitchen) (bathroom) (household) surfaces in (30) seconds.***
Kills (99.9%) of (household) bacteria in 30 seconds. ***
Leaves (household) (bathroom) (restroom) surfaces sanitized.
Sanitizes (kitchen) (household) (bathroom) (restroom) (non-food contact) surfaces (in 30 seconds)***
Sanitizes (kitchen) (household) (bathroom) (restroom) (hard non-porous) (surfaces) in 30 seconds***

(Back Panel qualifier)

***Kills (Destroys) (Eliminates) 99.9% of (Escherichia coli) (Listeria monocytogenes) (Staphylococcus aureus)(Enterobacter aerogenes) (Staphylococcus aureus) (Klebsiella pneumoniae)(Salmonella choleraesuis) on hard, non-porous surfaces in 30 seconds.

*** Kills 99.9% of the following bacteria in 30 seconds: (Escherichia coli) (Listeria monocytogenes) (Staphylococcus aureus)(Enterobacter aerogenes) (Staphylococcus aureus) (Klebsiella pneumoniae)(Salmonella choleraesuis)

***Kills 99.9% of (Escherichia coli) (Listeria monocytogenes) (Staphylococcus aureus)(Enterobacter aerogenes) (Staphylococcus aureus) (Klebsiella pneumoniae)(Salmonella choleraesuis)commonly found (in the kitchen) (on kitchen surfaces) in 30 seconds.

<< 99.9% of GERMS*** - The following claims can only be used on products containing disinfecting and sanitizing use directions >>

(Front or Back Panel claim)

30 seconds is all it takes to kill 99.9% of germs***
Kills (Destroys) (Eliminates) 99.9% of germs***
Kills (Destroys) (Eliminates) 99.9% of germs on hard non-porous surfaces in (30) seconds.***
Kills (Destroys) (Eliminates) 99.9% of germs on hard non-porous (kitchen) (bathroom) (household) surfaces in (30) seconds.***
Kills (99.9%) of (household) germs in (30) seconds. ***

(Back Panel qualifier)

***Kills (Destroys) (Eliminates) 99.9% of (Escherichia coli) (Listeria monocytogenes) (Staphylococcus aureus)(Enterobacter aerogenes) (Staphylococcus aureus) (Klebsiella pneumoniae)(Salmonella choleraesuis) and (Respiratory Syncytial Virus) (Rhinovirus Type 39) (Rotavirus WA) (Trichophyton mentagrophytes) on hard, non-porous surfaces in 30 seconds.

*** Kills 99.9% of the following germs in 30 seconds: (Escherichia coli) (Listeria monocytogenes) (Staphylococcus aureus)(Enterobacter aerogenes) (Staphylococcus aureus) (Klebsiella pneumoniae) (Salmonella choleraesuis) and (Respiratory Syncytial Virus) (Rhinovirus Type 39) (Rotavirus WA) (Trichophyton mentagrophytes)

***Kills 99.9% of (Escherichia coli) (Listeria monocytogenes) (Staphylococcus aureus)(Enterobacter aerogenes) (Staphylococcus aureus) (Klebsiella pneumoniae) (Salmonella choleraesuis) and (Respiratory Syncytial Virus) (Rhinovirus Type 39) (Rotavirus WA) (Trichophyton mentagrophytes) commonly found (in the kitchen) (on kitchen surfaces) in 30 seconds.

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<< Front or Back Panel – Disinfecting & Deodorizing claims – use as bullet point or in paragraph format >>

An effective disinfectant sanitizer (non-food contact surfaces) for use in the (kitchen) (bathroom) (bedroom) and other (household) areas.
(Continues to) (control) (kill) odor-causing (germs**) (bacteria*) between (daily) uses.
Controls (kitchen) odors caused by (bacteria*) (mold) (and) (mildew).
Controls pet odors caused by bacteria* (and fungi)
Controls mold and mildew growth (from its root)
Control (kills) (prevents) the growth of mold and mildew (in) (on) ((insert use site)) ((insert use surfaces))
Deodorizes by killing (bacteria*) (germs**) fungi) that cause odors.
Disinfection Control (Formula)
Disinfects for pennies
Disinfects hard, non-porous (food) (non-food) (contact surfaces) (in) (insert use site)
Disinfects ((insert use sites)) (and) ((insert use surfaces))
Disinfects (kills) (against) (insert A-B-C organisms)
Disinfects (Sanitizes) and deodorizes by killing common (household) germs** and controlling their odors.
Disinfects washable (bathroom) (restroom) surfaces and fixtures (around the home) (in schools) (and other public places).
Effective.
Effective against (bacteria*)(fungi)(germs**) (insert organisms) (in 10 minutes).
Effective against Avian Influenza Virus (in 30 seconds)
Eliminates damp, musty odors in the basement or in areas where air does not circulate
Eliminates (germs**) (and) (odors) on hard, non-porous surfaces that you come into contact with everyday.
Eliminates odors (at their source)
Eliminates odors caused by (germs**) (bacteria*) (mildew)
Eliminates (Removes) odors (at their source)
Eliminates (Removes) odors caused by (bacteria*) (germs**) (mildew).
Fights germs** and odors
Fights the Flu Virus
Flu Virus Control
For disinfecting against (insert A-B-C organisms) on hard non-porous surfaces.
For killing (insert A-B-C organisms) on hard non-porous surfaces.
For use as a (disinfectant) (or) (sanitizer) in: (insert use sites)
(For use in) hospital (and homes) (as a) (disinfectant)
For use on hard non-porous surfaces located in (insert use site)
Germ** (killer) (destroyer) (eliminator)
Gets rid of odors by killing germs** (that cause them)
Gets to the heart of odors
Great for (spot disinfection) (target performance)
(Great) For use (as a disinfectant or sanitizer) on hard non-porous surfaces located in: (insert use sites).
(Helps) Prevents odor-causing germs**
(Helps) prevents the spread of harmful (illness-causing) (household) germs**.
Help protect your family from cross-contamination of germs** (on hard, non-porous surfaces) (with LYSOL® Brand Disinfectant products)
(Help protect yourself and your family from germs**)(germ protection)(when you are on the go)(in public bathrooms)(for public telephones)(on public transportation) (in the gym)(at work) (while shopping)
Keeps (controlling) (killing) (eliminating) odor-causing (germs**) (bacteria*).
Keeps odors away by (controlling) (killing) (eliminating) the germs** that cause odor.
Keeps odor-causing germs** away
Kills and prevents the growth of mold and mildew (in) (on) (insert use sites)(insert use surfaces)
Kills Avian Flu (Virus)
Kills (Eliminates) (bacteria*) (viruses†) (germs**)(mold and mildew)
Kills (household) (kitchen) Germs**
Kills germs** and controls the (spread) (growth) of (fungi) (mold) (and mildew).
Kills (Disinfects) common household (germs**) (bacteria*) (viruses†) (fungi*) (mold) (mildew)
Kills (kitchen) (household) (bathroom) (germs**) (bacteria*) (viruses†) (fungi*) (mold) (mildew)
Kills mold and mildew
Kills odor-causing bacteria* (in the) (bathroom) (restroom).
Kills (Controls) odor-causing (germs**) (bacteria*).
Kills (controls) the cold and flu virus
Kills the following (household) (kitchen) germs**: {insert organisms A – B - C} (in 10 minutes)
Kills the following viruses: {insert organisms B}
Kills the (Influenza) (flu) (virus)

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On environmental surfaces, (this product) (is tuberculocidal and) kills the following (germs**) (bacteria*) (viruses[†]) (and fungi*) (in 10 minutes): {insert organisms}

On hard, non-porous, non-food contact surfaces this product kills the following (bacteria*) (fungi) (viruses[†]) (germs**): {insert 'A - B - C' organisms}

Ordinary non-germicidal sprays can't do this

Removes odors from the following surfaces: {insert use surfaces}.

Removes offensive odors from {insert use site}.

Starts killing in 30 seconds

(This product) controls cross-contamination of many harmful germs** from treated surfaces.

(This product) (controls) (kills) the (germs**) (bacteria*) (mold) (mildew) that cause unpleasant odors at the source.

(This product) deodorizes by killing the (many) germs** that cause odors.

(This product) (disinfects) (and) (sanitizes) the following surfaces {insert use surfaces}

(This product) (disinfects) (and) (sanitizes) (in) (the following areas) {insert use sites}

(This product) gets to the source of the odor without heavy perfume.

(This product) (has antibacterial action and) kills viruses[†] and bacteria* on environmental surfaces in (your home) (and in) (public places).

(This product) is a mildewstat and will effectively inhibit the growth of mildew and the odor caused by it when applied to hard, non-porous surfaces.

(This product) is an effective fungicide against Trichophyton mentagrophytes (Athlete's Foot Fungus) in (locker rooms) (dressing rooms) (showers and bath areas) (and) (exercise facilities). Follow disinfection directions.

(This product) kills (household) germs** (microorganisms) on environmental surfaces, even odor-causing (household) germs**.

(This product) kills {insert 'A - B - C' organisms} (in 10 minutes)

(This product) kills the germs** that cause (bad) odors.

(This product) meets AOAC Germicidal Spray Product Test standards for hospital aerosol disinfectants.

(This product) prevents odors at their source caused by (germs**) (bacteria*) or (mildew).

Treats, does not cover up

Triple Action Formula (bacteria*, virus[†], fungi)

Use on finished surfaces (in) (on) {insert use sites}.

Use (this product) (in) (on) {insert use sites}.

Use (this product) (in) (on) {insert use surfaces}

Virucidal against {insert organisms B}

Virus[†] (killer) (destroyer) (eliminator)

<< Soft surface claims >>

Controls the growth of mold and mildew on (mattresses), (pillows), (shower curtains) (books).

Eliminates (Controls) odors on fabrics

Kills (odor-causing) (germs**) (bacteria*) on fabrics

Kills germs** and eliminates odors on fabrics and soft surfaces.

Now the LYSOL[®] Disinfectant Spray you have trusted for controlling germs** has the added benefit of controlling odors on fabrics.

Reduces odor-causing (germs**) (bacteria*) on soft surfaces such as dog beds, couches, pillows, mattresses, window treatments, carpets and chairs.

(This product) contains patented odor eliminating technology that removes tough odors, leaving your fabrics smelling clean and fresh.

(This product) not only kills odor-causing bacteria*, it eliminates odors such as smoke, pet and cooking odors on a wide variety of fabrics including upholstered furniture, draperies, car interior fabrics and carpeting.

To eliminate odors retained in fabrics, spray on draperies, curtains and upholstered furniture.

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<< Back Panel - Use directions – IMPORTANT: Advisory statements must be included were appropriate >>

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

<< Hard Surface >>

Preclean surfaces prior to use. Hold can (container) upright 6" to 8" from surface. Spray 2 to 3 seconds until covered with mist.

To Disinfect: Allow to stand (ten) 10 minutes to air dry.

For hard, non-porous food contact surfaces: Allow to stand for (ten) 10 minutes, then rinse thoroughly with potable water.

For Toys: Allow to stand for 10 minutes, then rinse thoroughly with potable water.

To Sanitize: Allow to stand for 30 seconds, then rinse thoroughly with potable water.

To Deodorize: Spray on surfaces as needed.

To Control and Prevent the Growth of Mold and Mildew (and their Odors): Pre-clean hard, non-porous surfaces. Wipe surface and allow to remain wet for 10 minutes. Allow surface(s) to air dry. Repeat applications in weekly intervals or when mold and mildew growth appears.

For Tuberculocidal Activity: This product is effective in 10 minutes at 20°C (68°F) on surfaces that have been thoroughly cleaned prior to application.

<< Soft Surface >>

To Eliminate Odors from Fabrics: Spray a light mist evenly on fabric. DO NOT SATURATE.

Odors start to fade immediately. Let air dry for approximately 15 minutes. For difficult odors or heavier fabrics, repeat application as needed. Safe for virtually all fabrics.

<< Animal Premise >>

FARM PREMISE, LIVESTOCK, POULTRY & TURKEY HOUSE DISINFECTION

1. Remove all animals and feed from premises, trucks, coops, crates and enclosures.
2. Remove all litter and manure from floors, walls and surfaces of barns, pens, stalls, chutes, vehicles and other facilities and fixtures occupied or traversed by animals.
3. Empty all troughs, racks, and other feeding and watering appliances.
4. Thoroughly clean all surfaces with soap or detergent and rinse with water.
5. Saturate all surfaces with (this product) accord to use directions and let stand for a period of 10 minutes.
6. Immerse all halters, ropes, 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 an appropriate dilutable disinfectant solution according to directions on the label.
7. Ventilate buildings, coups, trucks, cars, boats, and other closed spaces. Do not house animals or employ equipment until treatment has been absorbed, set or dried.
8. After treatment with disinfectant, thoroughly scrub all treated feed tracks, troughs, automatic feeders, fountains, and waterers with soap or detergent, and rinse with potable water before reuse.

<< Veterinary Practice >>

**VETERINARY PRACTICE / ANIMAL CARE/ ANIMAL LABORATORY/ ZOOS/ PET SHOP/ KENNELS
DISINFECTION DIRECTIONS:**

For disinfecting the following hard nonporous surfaces: equipment not used for animal food or water, utensils, instruments, cages, kennels, stables, catteries, etc. 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 traversed by animals. Thoroughly clean all surfaces with soap or detergent and rinse with water. Saturate surfaces according to directions and let sit for a period of ten minutes. Ventilate buildings and other closed spaces. Do not house animals or employ equipment until treatment has been absorbed, set or dried.

<< Advisory Statements >>

Always test on a hidden section of fabric first.

Do not use on polished wood, painted surfaces, leather, rayon fabrics or acrylic plastics.

Do not use on silk, leather, rayon, acetate or satin fabrics.

Extinguish any open flames and cigarettes before use and until surface is dry.

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<< Back Panel >> << IMPORTANT: All organisms must be identified by genus & species. Abbreviations may be included but must appear in (parens). >>

<< Hard non-porous surfaces >>

<< A. Disinfection against Bacteria >>

Acinetobacter calcoaceticus	Pseudomonas aeruginosa (Pseudomonas)
Burkholderia cepacia	Pseudomonas putida
Campylobacter jejuni	Salmonella choleraesuis (Salmonella)
Corynebacterium diphtheriae	Salmonella enteritidis (Salmonella)
Enterobacter aerogenes	Salmonella paratyphi (Salmonella)
Enterococcus (Streptococcus) faecalis	Salmonella schottmuelleri (Salmonella)
Enterococcus faecium (VRE) (Vancomycin Resistant)	Salmonella typhi (Salmonella)
Escherichia coli (E. coli)	Serratia marcescens
Klebsiella pneumoniae (K. pneumoniae)	Shigella dysenteriae
Listeria monocytogenes (Listeria)	Shigella flexneri
Mycobacterium tuberculosis var bovis	Staphylococcus aureus (Staph) (Staphylococcus)
Neisseria elongata	Staphylococcus aureus (MRSA) (Methicillin Resistant)
Proteus mirabilis	Staphylococcus epidermidis (Staph) (Staphylococcus)
Proteus vulgaris	Streptococcus pyogenes (Streptococcus)
	Streptococcus salivarius (Staph) (Streptococcus)

<< B. Disinfection against Virus >>

10 Minute Disinfection

Adenovirus Type 2	Parainfluenza Type 2
Coxsackie Virus Type B3 (Coxsackie)	Poliovirus Type 1
Echovirus Type 12	Respiratory Syncytial Virus (RSV) (- an important cause of ear infections in children)
Hepatitis A	(- the leading cause of lower respiratory infection in children)
Herpes Simplex Virus Type 1 & 2	Rhinovirus Type 39 (- the leading cause of the common cold)
Human Cytomegalovirus (Cytomegalovirus)	Rotavirus WA (- the leading cause of infectious diarrhea in children)
Human Immunodeficiency Virus Type 1 [HIV-1] [AIDS Virus] (HIV-1 was tested in the presence of 50% whole human blood) (HIV-1 was tested in the presence of 5% fetal bovine serum)	Vaccinia
Influenza A ₂ [Japan 305/57] (the flu virus)	
Influenza B [Hong Kong 5/72]	

30 sec Disinfection

Respiratory Syncytial Virus (RSV) (- an important cause of ear infections in children) (- the leading cause of lower respiratory infection in children)
Rhinovirus Type 39 (the leading cause of the common cold)
Rotavirus WA (the leading cause of infectious diarrhea in children)
Avian Influenza [^]

{Avian Flu is an animal virus – production label must have farm premise directions for use}

<< C. Disinfection against Fungi >>

Aspergillus niger (mold & mildew)
Candida albicans
Trichophyton mentagrophytes (Athlete's Foot Fungus)

<< D. Fungistatic against Fungi >>

Penicillium notatum	Penicillium variable
Alternaria alternate	Cladosporium herbarum
Aspergillus niger	

<< E. *** Sanitization against Bacteria >>

Escherichia coli (E. coli)	Staphylococcus aureus (Staph) (Staphylococcus)
Listeria monocytogenes (Listeria)	Klebsiella pneumoniae (K. pneumoniae)
Staphylococcus aureus (Staph) (Staphylococcus)	Salmonella choleraesuis (Salmonella)
Enterobacter aerogenes	

<< F. *** Sanitization against Fungi >>

Trichophyton mentagrophytes (Athlete's Foot Fungus)

Symbol Designation – sued on product labels:

Single asterisk (*) bacteria*	used for identifying disinfection against specific bacteria
Dagger (†)	viruses used for identifying disinfection against specific viruses.
Double asterisk (**) germs**	used for identifying disinfection against specific bacteria and virus and fungi
Triple asterisk (***) sanitizes***	used for claims of sanitization

<< Soil / Surface / Use Site - May be listed on product label in plural form >>

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Surfaces: (Graphic – depicting use site)

A/C Vent Covers	Dish Pails	Lockers	Recycle Bin
Auto Surfaces	Dish Racks	Louves	Refrigerator exteriors
Baby Furniture (non-wood)	Door (Handle) (Knob)	Marble (Cultured)	(Resilient) Ceramic Tile
Bathroom Basins	Dorm	Marble (Synthetic)	Resilient Flooring
Bathroom Surfaces	Dressing Carts	Marlite	Salad Bar Sneeze Guard
Bathroom Tile	Enamel	Mattresses	Shower (Stall) (Area)
(Fiberglass) Bathtub (Tub)	Examination Table	Metal ^A	Shower (Curtain)(plastic) (liner)
Bed Frames	Fixtures	Metal Blinds	(Under) Sink (Basin)
Bed Springs	Floors	Microwave Oven Exterior	Sealed granite
Bidet	(empty) Garbage Can (Pail)	Mirrors	Slate
Blood Pressure Sets	Garage Surface	No wax floors	Sports Equipment
Books	Glass	Outdoor (Patio) Furniture	Stainless Steel ^A
Brass	Glass-Top furniture	(non-wood)	Stretchers
Cabinets (non-wood)	Glazed Ceramic (tile)	Parquet	Tables (tabletops) (non-wood)
Cat Litter Box	Glazed Porcelain	Patient Chairs	Telephones
Chairs (non-wood)	Granite	Pillows	Toilet / Urinal exteriors
Clean-Up Carts	Hard non-porous	(hard) Plastic	(around) Toilet Areas
Chrome ^A	Hard (Plastic) surfaces	(empty) Plastic Laundry	Toilet Seats
Counter/Countertop(non-wood)	Hard (Solid) Surfaces	(basket) hamper	(household) Tools
Crib (non-wood)	Highchair (non-wood)	Plastic (baby)	Vinyl (tile)
Cuspidors	Kitchen Surfaces	(children's) Toys ¹	(Washable) Walls
Desks	kitchen tile	Plastic Laminate	Water (drinking) Fountains
Diaper Pails	Laminated Surfaces	Plastic Mattress Cover	Wheelchairs
(non-wood) (diaper)	Lamps	Plexiglass ^B	Whirlpool Interiors
changing (counters)(tables)	Linen Carts	Porcelain (tile)	Windows
	Linoleum	Portable Toilet	Windowsill (non-wood)

^ANon-Medical or Fixture

^BPlexiglas is a registered trademark of the Atofina Corporation

¹ Follow directions for Toys under Directions for use – rinsing application is required

Household Use Sites: (Graphic – depicting use site)

Attic	Dorm	Kitchen	Sick rooms
Automobile (Car)	Living Room	Laundry Room	(damp) Storage Area (Room)
Basement	Den / Study	Mobile Home	Summer Cottage
Bathroom	Dining Room	Mud Room	Sunroom
Bedroom	Family Room	Nursery	Tool Shed
Boat (Interior)	Garage	Other Household Areas	Trailer
Camper	Home / House	Outdoor Areas	Under Sinks
Campground	Home Workshop	Pet Areas	Vacation Home
Car Interior	Household (Areas)	Playroom	Vehicles
Closet		RVs	

Professional Use Sites: (Graphic – depicting use site)

Airplane	Dental (Doctor's) Office	(Institutional)(Laundromat)	(Public) (Restroom)
Airports	Dressing rooms	(kitchen)	Public telephone (booth)
Ambulance	Equine Farms	Kennel	Recreational Center (facility)
Animal Cages	Examination Tables	Laboratory	Restaurant
Animal Pens	Factory	Manufacturing Plant	School (College)
Animal Transport Vehicles	Farmer's Market	(Medical) (clinic) (office)	School Bus
Attic	Federally inspected meat	Military Installation	Shelter
Blood Bank	& poultry plants	Nursing Home	Sick Room
Bowling Alley	Food Service Areas	Office (Building)	Spa
Business (building)	Grocery Store	Other Public Places	(damp) Storage Area (Room)
Butcher Shops	Gymnasium	Patient (Chairs) (room)	Stretchers
Cafeteria	Health Care Facility	Pet Areas	Supermarket
Cages	Health Club	Pet Shops	Tack Shops
Campground Facility	Hospital	Pharmacy	Toll Booth
Closet	Hotel / Motel	Physician's Office	Train Interior
Commercial Building	Industrial Building	Playground Facility	Utility rooms
Convenience Store	Infirmary	Poultry Farms	(Veterinary) (Clinic) (Office)
Coups	Institution	Public Facility	Waiting Room
Day Care Center	(institutional) (Bathroom) (restroom)	Public Factory	Warehouse Club

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<< Back Panel - IMPORTANT: The following is required for professional products making claims against: >>

<< Human Immunodeficiency Virus Type 1 [HIV-1] [AIDS Virus] >>

KILLS HUMAN IMMUNODEFICIENCY VIRUS TYPE 1 [HIV-1] [AIDS Virus] ON PRECLEANED 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 HIV-1 [associated with AIDS].

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

PERSONAL PROTECTION: When handling items soiled with blood or body fluids, use disposable latex gloves, gowns, masks or eye coverings.

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

CONTACT TIME: Allow surface / object to remain wet for 10 minutes.

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

<< Terminal Sterilant Statement – qualified metal surfaces >>

This product is not for use on critical & semi-critical medical devices or medical equipment surfaces.

<< Terminal Sterilant Statement – unqualified metal surfaces >>

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 enters 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.

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PRECAUTIONARY STATEMENTS: Hazards to Humans and Domestic Animals

WARNING: Causes substantial but temporary eye injury. Harmful if absorbed through skin. Do not get in eyes or on clothing. Avoid contact with skin. Wash thoroughly with soap and water after handling.

FIRST AID	
If in eyes	<ul style="list-style-type: none">• Hold eye open and rinse slowly and gently with water for 15-20 minutes.• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.• Call a Poison Control Center or doctor for treatment advice.
If on skin or clothing	<ul style="list-style-type: none">• Take off contaminated clothing.• Rinse skin immediately with plenty of water for 15-20 minutes.• Call a Poison Control Center or doctor for treatment advice.
CONTACT NUMBER	
Questions? Comments or In case of an emergency, call toll free (1-800-228-4722) (1-800-677-9218). Have the product container or label with you when calling a Poison Control Center, or doctor, or going for treatment.	

<< Physical / Chemical Hazards >>

PHYSICAL HAZARDS: Flammable. Contents under pressure. Keep away from heat, sparks and open flame. Do not puncture or incinerate container. Exposure to temperature above 130°F may cause bursting.

<< Storage and Disposal language – Household containers >>

STORAGE AND DISPOSAL: Store in original container in areas inaccessible to small children. Do not reuse empty container. Do not puncture or incinerate. (Replace cap and) Discard in trash

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