

74559-4

6/7/2010

1 of 15



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

JUN - 7 2010

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Mr. David Swain  
Regulatory Agent for,  
Virox Technologies, Inc.  
2770 Conventry Road  
Oakville, Ontario L6H 6R1 Canada

Mail to: Attn: David Swain  
Scientific & Regulatory Consultants, Inc.  
P. O. Box 1014  
Columbia City, IN 46725

Subject: Accel Concentrate Disinfectant Cleaner  
EPA Registration Number 74559-4  
Your Amendment Dated March 11<sup>th</sup>, 2010  
EPA Received Date March 12<sup>th</sup>, 2010

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, FIFRA, as amended, to revise the Container and Handling language, to add "hard, non-porous surfaces", and to add H1N1 language to the product labeling, is acceptable.

A stamped copy of the labeling is enclosed.

If you have any questions concerning this letter, please contact Karen M. Leavy-Munk at (703)-308-6237.

Sincerely,

A handwritten signature in black ink that reads "M Swindell".

Marshall Swindell  
Product Manager 33  
Regulatory Management Branch I  
Antimicrobial Division(7510C)

(Note to Agency: Text appearing in parenthesis or brackets is done to show optional text.)

**ACCEL™ (CONCENTRATE)  
DISINFECTANT CLEANER**



**ONE STEP DISINFECTANT CLEANER AND DEODORANT**

- (ALL-IN-ONE) (MULTI-SURFACE) ((ONE-STEP) DISINFECTANT)
- (SANITIZER) • (CLEANER) • (\*VIRUCIDAL) • (FUNGICIDAL) • BACTERICIDAL • (MILDEWICIDAL)
- (MILDEWSTATIC) • DEODORIZER (ODOR COUNTERACTANT) (ODOR NEUTRALIZER)
- NON-DULLING TO FLOORS (FLOOR FINISHES) • CONCENTRATE • READY-TO-DISPENSE (RTD)
- (CLEANS, DISINFECTS & DEODORIZES) (SANITIZES)
- (MEETS OSHA BLOODBORNE PATHOGEN STANDARD FOR \*HBV & \*HIV)

(Restroom) (&) (Bathroom) (Disinfectant Cleaner) (Hospital Disinfectant Cleaner) (Multi-Surface Disinfectant Cleaner)  
 (Cleans, Deodorizes and Brightens in One Step) (Cleans Grout)  
 (Cleans hard, non-porous water washable surfaces!) (Degreaser)  
 (Use Daily to Prevent the Build up of Dirt and Grime.)

(Fragrance Free Formula) (Unscented) (Outdoor Fresh)  
 (Fresh [Lemon] [Spring Fresh] [Citrus] Scent)

For (Hospital,) (Health Care,) (Commercial,) (Industrial) & (Institutional) Use (Only)

<b>ACTIVE INGREDIENT:</b>	
Hydrogen Peroxide .....	4.25%
<b>INERT (OTHER) INGREDIENTS:</b> .....	<u>95.75%</u>
<b>TOTAL:</b> .....	100.00%

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

See additional precautionary statements on back (side) (left) (right) (panel) (of) (label) (below).

[See reference sheet (enclosed in each case) for (a complete list of pathogenic organisms) (additional features, claims, direction for use) (claimed for this product) (eliminated by this product).]

(MSDS Ref. No. xxxxxxxxxx)

**ACCEPTED**  
 with **COMMENTS**  
 EPA Letter Dated:

EPA Reg. No. 74559-4  
 EPA Est. No. 74599-CAN-1

JUN 7 2010

Under the Federal Insecticide,  
 Fungicide, and Rodenticide Act as  
 amended, for the pesticide,  
 registered under EPA Reg. No. **74559-4**

(Note to Agency: Text appearing in parenthesis or brackets is done to show optional text.)

ACCEPTED  
with COMMENTS  
EPA Letter Dated:

JUN 7 2010

Under the Federal Insecticide,  
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**Net Contents:**

- 4 oz
- 8 oz
- 16 oz
- 32 oz. (1 qt.)
- 1 Gallon (3.78 L)
- 1.5 Gallon (5.68 L)
- 5 Gallon (18.925 L)
- 5.3 Gallon (20 L)
- 55 Gallon (208.17 L)

**(MARKETING CLAIMS):** (Note to EPA - This text will only appear on the appropriate container.)

**(FEATURES, CLAIMS & USES:)**

**(General Uses)**

This product is a one-step (hospital-use) germicidal (disinfectant) cleaner and deodorant (odor-counteractant) (odor neutralizer) designed for general cleaning, (and) disinfecting, (deodorizing) (and (killing) (controlling) mold and mildew on) (of) hard, non-porous environmental surfaces. It cleans quickly by removing dirt, grime, mold, mildew, body oils and other common soils found in hospitals, nursing homes, (acute) (and) (long-term) care facilities, office buildings, schools and colleges (universities), (day care centers), (medical) (dental) offices, funeral homes, transportation facilities, train (depots) (stations), bus (depots) (stations), airports, cruise ships, casinos, correctional facilities, athletic facilities, playgrounds, locker rooms, health clubs, exercise equipment, barber/beauty (salons) (shops), veterinary clinics, pet shops, (equine farms), animal life science laboratories, hotels, motels, public areas and restrooms, foodservice establishments (restaurants) and federally inspected meat and poultry establishments (food [processing] [beverage] [brewing] plants), (dairies) (dairy farms), (warehouses) ([industrial (and)] (commercial) buildings only on non-food contact surfaces.

It is designed for use on (Use daily on) (the following) (hard, non-porous environmental (inanimate) surfaces): vinyl, painted surfaces, plastic (surfaces), glass, mirrors, glazed ceramic, glazed porcelain, chrome, stainless steel, aluminum, laminated surfaces and baked enamel surfaces associated with floors, walls, ceilings, tables, chairs, countertops, telephones, fixtures, athletic equipment, exercise equipment, glazed tile, toilets, urinals, sinks, sink basins, faucets, tubs, shower rooms and locker room areas – any hard, non-porous washable (non-food contact) surface where disinfection is required. This product's non-dulling formula eliminates the time and labor normally required for rinsing. Do not use on glasses, dishes and utensils.

**((Bathroom) (Restroom) (Bowl) Disinfectant Cleaner:)**

This product is a (concentrated) (bowl and) (bathroom) (restroom) cleaner which cleans, disinfects and deodorizes in one easy step. It cleans, disinfects and deodorizes mirrors, glass, toilet bowls, urinals, rims, sinks, sink basins, faucets, tubs, glazed tiles, glazed ceramic, glazed porcelain, chrome, stainless steel, and all hard non-porous, washable surfaces found in the bathroom (restroom) (in the presence of organic soil).

This product reduces odor-causing bacteria leaving (bathrooms) (restrooms) smelling clean and fresh. Use where odors are a problem. It cleans, disinfects and deodorizes surfaces by killing odor-causing microorganisms. Its non-abrasive formula is designed for use (Use it daily) on ([hard, non-porous environmental] (bathroom) (restroom) surfaces): mirrors, glazed ceramic (bathroom) (restroom) tile, glazed porcelain, chrome, stainless steel and plastic surfaces associated with floors, walls, fixtures, toilets, urinals, sinks, shower rooms and locker rooms.

This product cleans, disinfects and deodorizes surfaces by killing odor-causing microorganisms and (killing) (controlling) mold & mildew. Its non-abrasive formula is designed for use on (restroom surfaces:) glazed ceramic (restroom) tile, glazed porcelain, chrome, stainless steel and plastic surfaces associated with floors, walls, fixtures, toilets, urinals, sinks, shower rooms and locker rooms.

**(Hospitals/Health Care Facilities:)**

This product is a one-step (hospital-use) germicidal (disinfectant) cleaner and deodorant (odor-counteractant) (odor neutralizer) designed for general cleaning, (and) disinfecting, (deodorizing) (and controlling mold and mildew on) (of) hard, non-porous environmental surfaces. This product cleans quickly by removing dirt, grime, mold, mildew, food residue, body oils, dead skin, blood and other organic matter commonly found in hospitals (acute) (and) (long-term) care facilities (and)

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(Note to Agency: Text appearing in parenthesis or brackets is done to show optional text.)  
(in health care facilities) (on medical surfaces). It (also) reduces odor-causing bacteria, leaving (restroom) surfaces smelling clean and fresh. Use where odors are a problem.

This product cleans, disinfects and deodorizes (hard, non-porous environmental hospital (medical) surfaces) in one step (with no rinsing required). Its non-abrasive formula is designed for use on (Use daily on) (the following) hard, non-porous environmental surfaces: vinyl, painted surfaces, plastic (surfaces), glazed ceramic, glazed porcelain, chrome, stainless steel, laminated surfaces and baked enamel surfaces associated with floors, walls, ceilings, tables, chairs, non-food contact countertops, telephones, fixtures, glazed tile, toilets, urinals, sinks found in (health care facilities [hospitals],) patient rooms, operating rooms, ICU areas, shower rooms, and locker rooms. (It can also be used to pre-clean and disinfect hospital items: wheelchairs, [hospital] [patient] bed rails and linings, wash basins, bed pans, medical equipment surfaces) - any washable non-food contact surface (where disinfection is required). Do not use on glasses, dishes and utensils.

**(Animal Housing Facilities:)**

This product 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. It (also) reduces odor-causing bacteria leaving surfaces smelling clean and fresh.

This product cleans, disinfects and deodorizes (hard, non-porous environmental surfaces) in one step. Its non-abrasive formula is designed for use on (Use daily on) (Use daily to clean and disinfect) hard, non-porous surfaces: plated or stainless steel, aluminum, chrome, glazed porcelain, glazed tile, sealed concrete, laminated surfaces (associated with floors, walls, non-food contact countertops, cages, kennels, animal equipment) found in (barns, pens and stalls) animal housing facilities.

**(Refill)**

**(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. Also make sure other items (funnels or hand pumps) are properly cleaned and dried. To refill, simply pour (or 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.

**(CLAIMS:)**

(See reference sheet (enclosed in each case) for a complete list of organisms.)

When used as directed, this product is highly effective against a wide variety (broad-spectrum) of pathogenic microorganisms (including bacteria, antibiotic-resistant bacteria, viruses, fungi, mold and mildew.) At a 1:16 dilution (8 oz. of product per gallon of water), in the presence of 200 ppm hard water, 5% serum load and 5 minute contact time, unless otherwise noted, this product kills the following on hard, non-porous inanimate surfaces:

**Bacteria (Bactericidal Activity):**

*Pseudomonas aeruginosa* (ATCC 15442)  
*Salmonella enterica*, (ATCC 10708)  
(formerly known as *Salmonella choleraesuis*)  
*Staphylococcus aureus* (ATCC 6538)  
*Acinetobacter baumannii*, (ATCC 19606)

*Escherichia coli O157:H7* (ATCC 35150)  
*Klebsiella pneumoniae* (ATCC 4352)  
*Listeria monocytogenes* (ATCC 19111)  
*Shigella dysenteriae* (ATCC 13313)  
*Streptococcus pyogenes* (ATCC 12204)

**Antibiotic-Resistant (Strains of) Bacteria (Antibiotic-Resistant Bactericidal Activity):**

*Staphylococcus epidermidis* (MRSE) (ATCC 51625)  
*Staphylococcus aureus* (MRSA) (ATCC 33591)  
*Staphylococcus aureus*, (CA-MRSA) (clinical isolate 08005)  
(Genotype USA400)

*Streptococcus pneumoniae*, Penicillin Resistant (PRSP), (ATCC 700671)  
*Enterococcus faecium*, (Resistant to Vancomycin [VRE]) (ATCC 51559)  
*Staphylococcus aureus*, (CA-MRSA) (clinical isolate 08001)  
(Genotype USA300)

**(\*Veterinary Viruses:)**

\*Avian Influenza A, (H3N2) (ATCC VR-2072)

ACCEPTED  
with COMMENTS  
EPA Letter Dated:

JUN 7 2010

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**(Fungi (Fungicidal Activity):**

This product is fungicidal when used as directed on hard, non-porous inanimate surfaces at a 1:16 dilution (8 oz. per gallon of water), and in the presence of a 5% serum load and 10 (ten) minute contact time at 20°C (68°F).

*Trichophyton mentagrophytes*, (ATCC 9533)

At 1:16 - 1:64 dilution (2 - 8 oz. of product per gallon of water), in the presence of 200 ppm hard water, 5% serum load and 5 minute contact time, unless otherwise noted, this product kills the following on hard, non-porous inanimate surfaces:

**\*Viruses (\*Virucidal Activity):**

- \*Herpes simplex Type 2 (VR-734)
- \*Human Coronavirus (VR-740)
- \*Influenza Type A<sub>2</sub> (Hong Kong) (VR-544)
- \*Norovirus (Feline Calicivirus as the surrogate) (VR-782)
- \*Parainfluenza Type 3 (VR-93)
- \*Poliovirus Type 1 (ATCC VR-1000)
- \*Respiratory Syncytial Virus (VR-26)
- \*Rotavirus (Strain WA)
- \*Vaccinia Virus (smallpox vaccine virus) (ATCC VR-119)

Kills \*Hepatitis B Virus (HBV) & \*Hepatitis C Virus (HCV) when used as directed on hard, non-porous inanimate surfaces with a 5 minute contact time.

Kills \*HIV-1 (AIDS virus) (HTLV-III<sub>B</sub>) when used as directed on hard, non-porous inanimate surfaces with a 1 minute contact time.

**\*Canine Parvovirus:** Kills \*Canine Parvovirus (ATCC VR-2017) when used as directed on hard, non-porous inanimate surfaces at a 1:16 dilution (8 oz. per gallon of water), and in the presence of a 5% serum load and 5 (five) minute contact time.

**Mold/Mildew (Mildewcidal Activity) - kills the growth of mold and mildew:** (when diluted at 1:16 in 200 ppm hard water at a 10 minute contact time): *Aspergillus niger* (ATCC 16404) (and the odors caused by them when applied to hard, non-porous environmental surfaces).

**Mold/Mildew (Mildewstatic Activity) - controls and prevents the growth of mold and mildew:** (when diluted at 1:16 in 200 ppm hard water at a 10 minute contact time): *Aspergillus niger* (ATCC 6275) (and the odors caused by them) when applied to hard, non-porous environmental surfaces.

**Bactericidal Stability of Use-Solution** - Tests show this product as a disinfectant, when diluted at 1:16 dilution (8 oz. of product per gallon of water) in 200 ppm hard water, in the presence of 5% serum, remains effective against *Staphylococcus aureus*, *Salmonella enterica* (formerly known as *Salmonella choleraesuis*) and *Pseudomonas aeruginosa* for up to 10 days in storage as long as the bottle remains sealed. If the use-solution becomes visibly dirty or contaminated, it must be discarded and a fresh product prepared. Always use clean, dry containers when diluting this product. Treated surfaces must remain wet for 5 minutes.

**Sanitizing:** When used as a non-food contact sanitizer at a 1:128 dilution (1 oz. of product per gallon of water), in the presence of 200 ppm hard water, 5% serum load, this product reduces the following bacteria by 99.9% with a 3 minute contact time on hard non-porous inanimate surfaces:

- Staphylococcus aureus* (ATCC 6538)
- Klebsiella pneumoniae* (ATCC 4352)
- Escherichia coli* (ATCC 11229)
- Enterococcus faecalis* (ATCC 29212)
- Listeria monocytogenes* (ATCC 19111)
- Pseudomonas aeruginosa* (ATCC 15442)
- Salmonella enterica*, (ATCC 10708)  
(formerly known as *Salmonella choleraesuis*)

**Malodor(s) (Activity) (Odor) (Counteractancy)** – reduces odors and odor-causing bacteria on hard, nonporous surfaces in restroom areas, behind and under sinks and counters, and storage areas (and other places where bacterial growth can cause malodors), (when used as directed at a 1:16 dilution (8 oz. of product per gallon of water), in the presence of 200 ppm hard water and a 3 minute contact time (or) (when used as directed at a 1:16 - 1:128 dilution (1 - 8 oz. per gallon of water), in the presence of 200 ppm hard water and a 3 minute contact time).

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(Note to reviewer: We will choose one or more of these statements depending on available space on the product label.)

- \*Respiratory illnesses attributable to Pandemic 2009 H1N1 are caused by Influenza A virus. (This product or product name) is a broad-spectrum hard surface disinfectant that has been shown to be effective against Influenza Type A2 (Hong Kong), (VR-544), and is expected to inactivate all Influenza A viruses including Pandemic 2009 H1N1 (formerly called swine flu).
- \*This product has demonstrated effectiveness against Influenza A virus and is expected to inactivate all Influenza A viruses including Pandemic 2009 H1N1 Influenza A virus.
- \*This product has demonstrated effectiveness against Influenza Type A2 (Hong Kong), (VR-544), and is expected to inactivate all Influenza A viruses including Pandemic 2009 H1N1 (formerly called swine flu).
- \*Kills Pandemic 2009 H1N1 Influenza A virus (formerly called swine flu).
- \*Kills Pandemic 2009 H1N1 Influenza A virus.

**(Modes of Application:)**

This product can be applied by mop, sponge, cloth, paper towel, coarse trigger sprayer, or auto-scrubber. Change cloth, sponges or towels frequently to avoid redeposition of soil. For disinfection, all hard, non-porous surfaces must remain wet for 5 minutes.

**DIRECTIONS FOR USE:**

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

(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 blood stream or normally sterile areas of the body, or (2) contacts intact mucous membranes but which does not ordinarily penetrate the blood barrier or otherwise enter normally sterile areas of the body. This product may be used to pre-clean or decontaminate critical or semi-critical medical devices prior to sterilization or high level disinfection.)

**To prepare Use Solution: (Use Dilution Made Easy:) (Dilution Chart:)**

Ratio	Per Gallon of Water	(Per Liter of Water)
1:16	8 oz.	64 mL
1:64	2 oz.	16 mL
1:128	1 oz.	8 mL
1:256	0.5 oz.	4 mL

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**For Use as a (Daily) (One-Step) Cleaner/Disinfectant:** (Dilute at 8.0 oz. of product per gallon of water (1:16)).

1. Pre-clean heavily soiled areas.
2. Apply Use Solution by (hand pump) coarse trigger sprayer to hard, non-porous environmental surfaces. Spray 6 - 8 inches from surface; making sure to wet surfaces thoroughly.
3. All surfaces must remain wet for five (5) minutes.
4. Wipe surfaces (and let air dry).

**Note** - Rinsing is not necessary unless floors are to be coated with finish or restorer. When cleaning floors position wet-floor signs around area to be cleaned. Floors will be slippery when wet or contaminated with foreign materials. Do not use on glassware, utensils, or dishes.

**For Use as (Daily) Bathroom (Restroom) (One-Step) Cleaner/Disinfectant:** (Dilute at 8.0 oz. of product per gallon of water (1:16)).

1. Pre-clean heavily soiled areas.
2. Apply Use Solution by (hand pump) coarse trigger sprayer to hard, non-porous environmental surfaces. Spray 6 - 8 inches from surface; making sure to wet surfaces thoroughly.
3. All surfaces must remain wet for ten (10) minutes.
4. Wipe surfaces (and let air dry).

**Note** - Rinsing is not necessary unless floors are to be coated with finish or restorer. When cleaning floors position wet-floor signs around area to be cleaned. Floors will be slippery when wet or contaminated with foreign materials.

**For Use To Clean and Disinfect Shower Rooms, Locker Rooms and Other Large, Open Areas with Floor Drains:** (Dilute at 8.0 oz. of product per gallon of water (1:16).)

1. Pre-clean heavily soiled areas.
2. Apply Use Solution to floors, walls and ceilings making sure not to over spray. To disinfect, all surfaces must remain wet for five (5) minutes.
3. Scrub using a deck brush or other coarse material as necessary.
4. Rinse surfaces thoroughly and let air dry.

**NOTE:** When cleaning floors position wet-floor signs around area to be cleaned. Floors will be slippery when wet or contaminated with foreign materials.

**For use as a \*Virucide:** (Dilute at 2 - 8 oz. of product per gallon of water (1:16 - 1:64).)

1. Pre-clean heavily soiled areas.
2. Apply Use Solution until thoroughly wet.
3. Let stand for five (5) minutes.
4. Wipe surfaces (and let air dry).

**\* This product kills HBV, HCV and HIV-1 on pre-cleaned environmental surfaces/objects previously soiled with blood/body fluids** in health care settings (Hospitals, Nursing Homes) and 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 Hepatitis B Virus (HBV), Hepatitis C Virus (HCV) and Human Immunodeficiency Virus Type 1 (HIV-1) (associated with AIDS).

**SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HBV, HCV and HIV-1 OF SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUIDS.**

**Personal Protection:** Disposable latex or vinyl gloves, gowns, face masks, and eye coverings as appropriate, must be worn during all cleaning of body fluids, blood, and decontamination procedures.

**Cleaning Procedures:** Blood and body fluids must be thoroughly cleaned from surfaces and objects before application of this product.

**Contact Time:** Allow surface to remain wet for 1 minute to kill HIV-1, 5 minutes to kill HBV & HCV, 10 minute to kill fungi and for 5 minutes to kill all other organisms cited on the label.

**Disposal of Infectious Material:** Blood and other body fluids must be autoclaved and disposed of according to Federal, State, and local regulations for infectious waste disposal.

ACCEPTED  
with COMMENTS  
EPA Letter Dated:

JUN 7 2010

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**To Kill \*Canine Parvovirus:** (Dilute at 8.0 oz. of product per gallon of water (1:16).)

1. Pre-clean heavily soiled areas.
2. Apply Use Solution until thoroughly wet.
3. Let stand for five (5) minutes.
4. Wipe surfaces (and let air dry).

**To Kill Mold and Mildew:** (Dilute at 8.0 oz. of product per gallon of water (1:16).)

Pre-clean surfaces. Apply Use Solution to hard, non-porous environmental surfaces. Allow surfaces to remain wet for ten (10) minutes. Wipe surfaces (and let air dry).

**To Control Mold and Mildew:** (Dilute at 8.0 oz. of product per gallon of water (1:16).)

Apply Use Solution to pre-cleaned hard, non-porous environmental surfaces. Wipe surfaces (and let air dry). Repeat application weekly or when growth reappears.

**To Kill Fungi:** (Dilute at 8.0 oz. of product per gallon of water (1:16).)

Pre-clean heavily soiled areas. Apply Use Solution to hard, non-porous environmental surfaces. Allow surface to remain wet for ten (10) minutes. Wipe surfaces (and let air dry).

**For Use as a Bowl Cleaner/Disinfectant in Toilet Bowls [and Urinals] from Use-Dilution:** (Dilute at 8.0 oz. of product per gallon of water (1:16).)

1. Pre-clean heavily soiled areas.
2. Empty toilet bowls by forcing water through the trap. Apply Use Solution to exposed surfaces in toilet bowls and urinals.
3. Swab entire surface area especially under the rim.
4. Allow entire surface to remain wet for five (5) minutes.
5. Flush toilet or urinal and rinse swab applicator thoroughly.

**For Use as a Cleaner/Disinfectant in Food Processing Plants:** (Dilute at 8.0 oz. of product per gallon of water (1:16).)

1. Before using this product in food processing areas, food products and packaging materials must be removed from the room or carefully protected.
2. Apply Use Solution evenly over surface. Be sure to wet all surfaces thoroughly.
3. Allow product to remain on surface for five (5) minutes.
4. Wipe with clean cloth, sponge or paper towel.
5. For heavily soiled areas, thoroughly clean surface prior to disinfecting.
6. When disinfecting food contact surfaces used for food preparation, rinse surfaces thoroughly with potable water. This product must not be used to clean the following surfaces: utensils, glassware, and dishes.

**For Use To Clean and Disinfect Barber and Beauty/Manicure Instruments and Tools:** (Dilute at 8.0 oz. of product per gallon of water (1:16).)

1. Pre-clean heavily soiled items.
2. Completely immerse pre-cleaned combs, brushes, scissors, clipper blades, razors, manicure implements and other non-porous instruments in the Use Solution so that surfaces remain wet for ten (10) minutes.
3. Rinse surfaces thoroughly and let air dry before reuse.
4. Change solution daily or when visibly dirty.

NOTE: Remove instruments after 10 minutes. Then rinse, dry and keep in a clean, non-contaminated receptacle until use. Prolonged soaking may cause damage to instruments.

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**For Treatment of Animal Housing Facilities (including Poultry barns):** (Dilute at 8.0 oz. of product per gallon of water (1:16).)

1. Remove all animals and feeds from areas being treated.
2. Remove all litter and manure from floors, walls and surfaces of barns, pens, stalls, chutes, and other facilities occupied or traversed by animals.
3. Empty or cover all troughs, racks and other feeding and watering appliances.
4. Thoroughly clean all surfaces with soap or detergent and rinse with water.
5. Apply fresh Use Solution to floors, walls, cages and other washable hard, non-porous environmental surfaces. For smaller surfaces, use a trigger spray bottle to spray all surfaces with solution until wet. To disinfect, all surfaces must remain wet for five (5) minutes. Allow surface to remain wet for ten (10) minutes to kill fungi.
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.
7. Ventilate buildings and other closed spaces. Do not house animals or re-employ equipment until product has dried.
8. For disinfection of feed racks, troughs, automatic feeders, fountains and watering appliances scrub with use-solution, let stand five (5) minutes. Then thoroughly scrub all treated surfaces with soap or detergent and rinse with potable water before reuse.

**To Sanitize Non-Food Contact Surfaces:** Dilute at 1.0 oz. of product per gallon of water (1:128).

1. Pre-clean heavily soiled hard non-porous surfaces.
2. Apply Use Solution until thoroughly wet.
3. Let stand for three (3) minutes.
4. Wipe surfaces (and let air dry).
5. Not for use on food contact surfaces or on food preparation areas.

Note - Do not use on glassware, utensils, or dishes.

**For Use as a Cleaner/Degreaser:**

Dilute product at 0.5 - 1.0 oz. of product per gallon of water (1:128 - 1:256). Apply to surfaces. Wipe surfaces (and let air dry).

**For Use as a Deodorizer:**

Dilute product at 0.5 - 1.0 oz. of product per gallon of water (1:128 - 1:256). Apply to hard non-porous surfaces. Let stand for three (3) minutes. (Wipe surfaces (and let air dry)).

Not recommended for use on copper, brass or marble. (Notice to User: Accel (Concentrate) may not be suitable for all items or surfaces. Prolonged exposure to copper, brass, anodized aluminum and some coatings should be avoided. If you are uncertain as to the material composition of your item, confirm with the manufacturer before proceeding or visit the compatibility section on [www.virox.com](http://www.virox.com) for a listing of compatible materials.)

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**STORAGE AND DISPOSAL**

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

**PESTICIDE STORAGE**

Do not reuse empty container (unless refilling from a larger container of the same product according to the refilling directions outlined previously). (Keep from freezing).

**PESTICIDE DISPOSAL**

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

**CONTAINER DISPOSAL** *Note to reviewer – One or more of the following paragraphs for Container Disposal will be selected, depending on packaging type:*

**NONREFILLABLE READY-TO-USE FORMULATIONS:** *Note to reviewer: The following text will be used on nonrefillable RTU container labels:*

Nonrefillable container. Do not reuse or refill this container. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**SMALL NONREFILLABLE CONTAINERS:** *Note to reviewer: The following text will be used on rigid, nonrefillable containers small enough to shake (5 gallons or smaller):*

Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Offer for recycling, if available.

**LARGE NONREFILLABLE CONTAINERS:** *Note to reviewer: One of the following paragraphs will be used on labels for rigid, nonrefillable containers too large to shake (larger than 5 gallons):*

Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. 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 at least 30 seconds. Stand the container on its end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Offer for reconditioning, if appropriate.

OR

Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying. Pressure rinse as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or a mix tank or collect rinsate for later use or disposal. Insert pressure-rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip. Offer for reconditioning, if appropriate.

**ACCEPTED  
with COMMENTS  
EPA Letter Dated:**

**JUN 7 2010**  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No. 745594

110215

(Note to Agency: Text appearing in parenthesis or brackets is done to show optional text.)

**REFILLABLE CONTAINERS:** Note to reviewer: One of the following paragraphs will be used on labels for refillable containers:

Refillable container. Refill this container with (this brand or brand name) pesticide 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 prior to final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the 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.

Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

OR

Refillable container. Refill this container with (this brand or brand name) pesticide only. Do not reuse this container for any other purpose.

Pressure rinsing 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 prior to final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the 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.

Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**ENVIRONMENTAL HAZARDS** (for containers of 5 gallons or 50 lbs. or more)

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 agency has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

**PRECAUTIONARY STATEMENTS  
HAZARD TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION:** Harmful if swallowed. Causes moderate eye irritation. Avoid contact with eyes or clothing. Wear chemical splash-proof goggles or face shield. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco.

**FIRST AID**

**IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.

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

**IF SWALLOWED:** Have the 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.

**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 in for treatment.

ACCEPTED  
With COMMENTS  
EPA Letter Dated:

JUN 7 2010

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No. 74559-H

(Note to Agency: Text appearing in parenthesis or brackets is done to show optional text.)

**Note to Physician:** Probable mucosal damage may contraindicate gastric lavage.

**READ M.S.D.S BEFORE USING PRODUCT**

(M.S.D.S is available on line at (M.S.D.S section) on [www.virox.com](http://www.virox.com))

Si no puede leer en ingles, pregunte a su supervisor sobre las instrucciones de uso apropiadas antes de trabajar con este producto.

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with COMMENTS  
EPA Letter Dated:**

**JUN 7 2010**

**Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
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registered under EPA Reg. No. 745594**

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(Note to Agency: Text appearing in parenthesis or brackets is done to show optional text.)



# ACCEL™ (CONCENTRATE) DISINFECTANT CLEANER

## REFERENCE SHEET

When used as directed, this product is highly effective against a wide variety (broad-spectrum) of pathogenic microorganisms (including bacteria, antibiotic-resistant bacteria, \*viruses, fungi, mold and mildew.) At a 1:16 dilution (8 oz. of product per gallon of water), in the presence of 200 ppm hard water, 5% serum load and 5 minute contact time, unless otherwise noted, this product kills the following on hard non-porous inanimate surfaces:

### Bacteria (Bactericidal Activity):

*Pseudomonas aeruginosa* (ATCC 15442)  
*Salmonella enterica*, (ATCC 10708)  
(formerly known as *Salmonella choleraesuis*)  
*Staphylococcus aureus* (ATCC 6538)  
*Acinetobacter baumannii*, (ATCC 19606)

*Escherichia coli* O157:H7 (ATCC 35150)  
*Klebsiella pneumoniae* (ATCC 4352)  
*Listeria monocytogenes* (ATCC 19111)  
*Shigella dysenteriae* (ATCC 13313)  
*Streptococcus pyogenes* (ATCC 12204)

### Antibiotic-Resistant (Strains of) Bacteria (Antibiotic-Resistant Bactericidal Activity):

*Staphylococcus epidermidis* (MRSE) (ATCC 51625)  
*Staphylococcus aureus* (MRSA) (ATCC 33591)  
*Staphylococcus aureus*, (CA-MRSA) (clinical Isolate 08005)  
(Genotype USA400)

*Streptococcus pneumoniae*, Penicillin Resistant (PRSP), (ATCC 700671)  
*Enterococcus faecium*, (Resistant to Vancomycin [VRE]) (ATCC 51559)  
*Staphylococcus aureus*, (CA-MRSA) (clinical Isolate 08001)  
(Genotype USA300)

### (Fungi (Fungicidal Activity):

This product is fungicidal when used as directed on hard, non-porous inanimate surfaces at a 1:16 dilution (8 oz. per gallon of water), and in the presence of a 5% serum load and 10 (ten) minute contact time at 20°C (68°F).

*Trichophyton mentagrophytes*, (ATCC 9533)

At 1:16 - 1:64 dilution (2 - 8 oz. of product per gallon of water), in the presence of 200 ppm hard water, 5% serum load and 5 minute contact time, unless otherwise noted, this product kills the following on hard, non-porous inanimate surfaces:

### (\*Veterinary Viruses:)

\*Avian Influenza A, (H3N2) (ATCC VR-2072)

### (Fungi (Fungicidal Activity):

This product is fungicidal when used as directed on hard, non-porous inanimate surfaces at a 1:16 dilution (8 oz. per gallon of water), and in the presence of a 5% serum load and 10 (ten) minute contact time at 20°C (68°F).

*Trichophyton mentagrophytes*, (ATCC 9533)

ACCEPTED  
with COMMENTS  
EPA Letter Dated:

JUN 7 2010

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
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registered under EPA Reg. No. 74559-4

(Note to Agency: Text appearing in parenthesis or brackets is done to show optional text.)

At 1:16 - 1:64 dilution (2 - 8 oz. of product per gallon of water), in the presence of 200 ppm hard water, 5% serum load and 5 minute contact time, unless otherwise noted, this product kills the following on hard, non-porous inanimate surfaces:

**\*Viruses (\*Virucidal Activity):**

- \*Herpes simplex Type 2 (VR-734)
- \*Human Coronavirus (VR-740)
- \*Influenza Type A<sub>2</sub> (Hong Kong) (VR-544)
- \*Norovirus (Feline Calicivirus as the surrogate) (VR-782)
- \*Parainfluenza Type 3 (VR-93)
- \*Poliovirus Type 1 (ATCC VR-1000)
- \*Respiratory Syncytial Virus (VR-26)
- \*Rotavirus (Strain WA)
- \*Vaccinia Virus (smallpox vaccine virus) (ATCC VR-119)

Kills \*Hepatitis B Virus (HBV) & \*Hepatitis C Virus (HCV) when used as directed on hard, non-porous inanimate surfaces with a 5 minute contact time.

Kills \*HIV-1 (AIDS virus) (HTLV-III<sub>B</sub>) when used as directed on hard, non-porous inanimate surfaces with a 1 minute contact time.

**\*Canine Parvovirus:** Kills \*Canine Parvovirus (ATCC VR-2017) when used as directed on hard, non-porous inanimate surfaces at a 1:16 dilution (8 oz. per gallon of water), and in the presence of a 5% serum load and 5 (five) minute contact time.

**Mold/Mildew (Mildewcidal Activity) - kills the growth of mold and mildew:** (when diluted at 1:16 in 200 ppm hard water at a 10 minute contact time): *Aspergillus niger* (ATCC 16404) (and the odors caused by them when applied to hard, non-porous environmental surfaces).

**Mold/Mildew (Mildewstatic Activity) - controls and prevents the growth of mold and mildew:** (when diluted at 1:16 in 200 ppm hard water at a 10 minute contact time): *Aspergillus niger* (ATCC 6275) (and the odors caused by them) when applied to hard, non-porous environmental surfaces.

**Bactericidal Stability of Use-Solution** - Tests show this product as a disinfectant, when diluted at 1:16 dilution (8 oz. of product per gallon of water) in 200 ppm hard water, in the presence of 5% serum, remains effective against *Staphylococcus aureus*, *Salmonella enterica* (formerly known as *Salmonella choleraesuis*) and *Pseudomonas aeruginosa* for up to 10 days in storage as long as the bottle remains sealed. If the use-solution becomes visibly dirty or contaminated, it must be discarded and a fresh product prepared. Always use clean, dry containers when diluting this product. Treated surfaces must remain wet for 5 minutes.

**Sanitizing:** When used as a non-food contact sanitizer at a 1:128 dilution (1 oz. of product per gallon of water), in the presence of 200 ppm hard water, 5% serum load, this product reduces the following bacteria by 99.9% with a 3 minute contact time on hard non-porous inanimate surfaces:

- Staphylococcus aureus* (ATCC 6538)
- Klebsiella pneumoniae* (ATCC 4352)
- Escherichia coli* (ATCC 11229)
- Enterococcus faecalis* (ATCC 29212)
- Listeria monocytogenes* (ATCC 19111)
- Pseudomonas aeruginosa* (ATCC 15442)
- Salmonella enterica*, (ATCC 10708)  
(formerly known as *Salmonella choleraesuis*)

**Malodor(s) (Activity) (Odor) (Counteractancy)** – reduces odors and odor-causing bacteria on hard nonporous surfaces in restroom areas, behind and under sinks and counters, and storage areas (and other places where bacterial growth can cause malodors), (when used as directed at a 1:16 dilution (8 oz. of product per gallon of water), in the presence of 200 ppm hard water and a 3 minute contact time (or) (when used as directed at a 1:16 - 1:128 dilution (1 - 8 oz. per gallon of water), in the presence of 200 ppm hard water and a 3 minute contact time).

(Note to reviewer: We will choose one or more of these statements depending on available space on the product label.)

- \*Respiratory illnesses attributable to Pandemic 2009 H1N1 are caused by Influenza A virus. (This product or product name) is a broad-spectrum hard surface disinfectant that has been shown to be effective against Influenza Type A<sub>2</sub> (Hong Kong), (VR-544), and is expected to inactivate all Influenza A viruses including Pandemic 2009 H1N1 (formerly called swine flu).
- \*This product has demonstrated effectiveness against Influenza A virus and is expected to inactivate all Influenza A viruses including Pandemic 2009 H1N1 Influenza A virus.
- \*This product has demonstrated effectiveness against Influenza Type A<sub>2</sub> (Hong Kong), (VR-544), and is expected to inactivate all Influenza A viruses including Pandemic 2009 H1N1 (formerly called swine flu).
- \*Kills Pandemic 2009 H1N1 Influenza A virus (formerly called swine flu).
- \*Kills Pandemic 2009 H1N1 Influenza A virus.

ACCEPTED  
with COMMENTS  
EPA Letter Dated:

JUN 7 2010

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticides, registered under EPA Reg. No. 74559-4

150415

(Note to Agency: Text appearing in parenthesis or brackets is done to show optional text.)

**For Use as a (Daily) (One-Step) Cleaner/Disinfectant:** (Dilute at 8.0 oz. of product per gallon of water (1:16)).

1. Pre-clean heavily soiled areas.
2. Apply Use Solution by (hand pump) coarse trigger sprayer to hard, non-porous environmental surfaces. Spray 6 - 8 inches from surface; making sure to wet surfaces thoroughly.
4. All surfaces must remain wet for five (5) minutes.
4. Wipe surfaces (and let air dry).

**Note** - Do not use on glassware, utensils, or dishes.

EPA Reg. No. 74559-4

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EPA Letter Dated:  
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