

70627 - 35

05/04/2000

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U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (H7505C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg. Number:

Date of Issuance:

70627-35

MAY 04 2000

Term of Issuance:

Conditional

Name of Pesticide Product:

Envy Foaming Disinfectant Cleaner

NOTICE OF PESTICIDE:

- Registration
- Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

S.C. Johnson Commercial Markets, Inc.
8310 16th Street
Sturtevant, WI 53177-0902

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration 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 reregistered 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 sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/ reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.
2. Make the following label changes:
 - a. Revise the EPA Registration Number to read, "EPA Reg. No. 70627-35".
 - b. Page 1: The use of the term, harmful, is considered an implied safety claim which is unacceptable. You must delete the word, "harmful", from the front panel of the label.
 - c. Page 2: Under Hospitals/Health Care Facilities, delete "[and] [hospital] medial equipment [& devices,]" and state "medical equipment surfaces."
 - d. Page 2-3: Under Hospitals/Health Care Facilities and Non-Acid Bowl [& Bathroom], the surfaces bowl brushes and bowl mops, need to be deleted because they are considered to be porous surfaces.

Signature of Approving Official:

Velma Noble
Product Manager 31
Regulatory Management Branch I
Antimicrobials Division (7510C)

Date:

MAY 04 2000

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- e. Pages 2-3: Under General Uses, Hospitals/Health Care Facilities, Food Service, Public Restrooms, the phrase, "a variety of" needs to be replaced with "*the following.*" Also, delete "typically" from the phrase "typically associated with" which is stated in the second paragraph for each use site heading.
- f. Pages 2-3: Under Food Service, you will need to revise the second sentence in the first paragraph by stating "*It cleans by foaming away dirt, grime, and food soils... areas*". Also, under Animal Housing, the first sentence should be revised to state "*Envy Foaming Disinfectant Cleaner, cleans by foaming away dirt, grime ... facilities.*"
- g. Page 3: The heading, "General Cleaning", needs to state "General Cleaning and/or Deodorizing."
- h. Page 4: Under Treatment of Animal Housing Facilities, the seventh step should be revised by stating, "*To disinfect feed racks, troughs, automatic feeders, fountains, and watering appliances scrub with use solution, let stand for three (3) minutes. Then scrub all treated surfaces with soap or detergent and rinse with potable water.*" (DIS/TSS 18, step 9).
- i. Pages 5 and 8: You will need to update the following organisms's nomenclature:
Pseudomonas cepacia to read *Burkholderia cepacia*
Streptococcus faecalis (ATCC 19433) to read *Enterococcus faecalis* (19433)

If you would like to continue listing the organism's alternate nomenclature, you may do so by listing them after the current designation; for example, *Enterococcus faecalis* (formerly *Streptococcus faecalis* (ATCC 19433)). They should not be listed separately.

- j. Pages 6 and 9: You will need to separate the organisms, HIV-1 (AIDS virus) and *Trichophyton mentagrophytes*, from the general list of organisms because they have different contact times, one and ten minutes respectively. The asterisk delineations are too small.

When you list HIV-1 (AIDS virus), you should state "*Kills HIV (AIDS virus) when used as directed on hard, non-porous surfaces with a 1 minute contact time*".

The Fungicidal Activity Claim should be revised to include the ten (10) minutes contact time.


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3. The efficacy study, MRID No. 448818-04, is acceptable in showing that each of the three batches was more than 60 days old.
4. The additional information submitted to the Agency to further describe ATCC# 12715 for *Staphylococcus* species is acceptable, you may add this organism to the label.
5. The amended study, MRID No. 448818-10, is unacceptable. The Agency is requesting that the lab conduct an in-house study to demonstrate that the bacteria used have not lost their lipid envelope layer during the transport and that the bacteria still retain their resistance to antibiotics after transport. This test should be conducted whenever a disinfectant or sanitizer is tested against an antibiotic-resistant strains. You will need to delete the organisms, *Staphylococcus aureus* (VRSA-HIP 5836) and *Streptococcus pneumoniae* (PRSP-ATCC 51915) from the label until you submit new studies demonstrating these organisms antibiotic resistance.
6. The Confidential Statement of Formula for Alternate Formulation 1 is acceptable. The formulation is in compliance with PR Notice 91-2 and in agreement with the label. The proposed fragrances have been cleared for use in pesticide formulations.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec.6(e). Your release of the product for shipment constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records. If you have any questions regarding this submission, you should contact Jacqueline Campbell at (703) 308-6416.

Sincerely,



Velma Noble

Product Manager (31)

Regulatory Management Branch I

Antimicrobials Division (7510C)

Enclosure: Efficacy Data Evaluation

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Johnson Wax PROFESSIONAL

ENVY™ FOAMING DISINFECTANT CLEANER Foaming Disinfectant Cleaner

Ready-To-Use (RTU) - Just Spray and Wipe

Spray On • No Rinsing • No Abrasives • One-Step Formula; Foams Away Dirt; Disinfects (Kills) in 3 Minutes!; Will not (Won't) Scratch or Dull Surfaces; Cleans & Disinfects In One Step; Dissolves Soap Scum; Leaves (Toilet) Bowls Sparkling (Clean); Leaves (Bathroom) Surfaces (Sparkling) Clean (and Fresh); Cleans Without (Harmful) (Acids) (Abrasives) Fumes; For Effective Mold and Mildew Control; (Non-Abrasive) No Rinse Formula; The Fast & Easy Way to Clean and Disinfect (Surfaces); Contains No Abrasives (Non-Abrasive (Formula))

Fresh (Pleasant) (Apple) (Citrus) (Lemon) (Floral) (Outdoor Fresh) (Country Breeze) (Spring Orchard) Fragrance (Scent)

ACTIVE INGREDIENTS:	
n-Alkyl (60% C ₁₄ ; 30% C ₁₅ ; 5% C ₁₂ ; 5% C ₁₈) dimethyl benzyl ammonium chloride.....	0.106%
n-Alkyl (68% C ₁₂ ; 32% C ₁₄) dimethyl ethylbenzyl ammonium chloride.....	0.106%
INERT INGREDIENTS:	99.788%
TOTAL	100.000%

KEEP OUT OF REACH OF CHILDREN

CAUTION:

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

Bactericidal • *Virucidal • Mildewstatic • Fungicidal • Deodorizer (Odor Counteractant) (Odor Neutralizer)
• Ready-To-Use (RTU)

For (Hospital,) (Foodservice,) (Food Plant), (Commercial), Industrial & Institutional Use (Only)

See reference sheet for complete list of pathogenic organisms (claimed for this product).

Product of USA

pH _____

Net Contents:

Contains no CFC's or other known ozone depleting substances.
Federal Regulations Prohibit CFC Propellants in Aerosols.

ACCEPTED
with COMMENTS
in EPA Letter Dated:

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Under the Federal Insecticide,
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(FEATURES, CLAIMS & USES:)

(General Uses:)

ENVY™ FOAMING DISINFECTANT CLEANER cleans and disinfects surfaces with a simple spray and wipe. No mixing, no buckets, no rinsing required (other than food contact surfaces). Foam dissolves dirt, grime, mold, mildew and other common soils and even stains found in hospitals, nursing homes, schools and colleges, (day care centers), (medical) offices, funeral homes, veterinary clinics, pet shops, (equine farms), animal life science laboratories, hotels, motels, public restrooms, food processing plants, and food service establishments (restaurants). Use it on all hard, non-porous environmental (restroom) surfaces.

Its non-abrasive formula is ideal for use on (Use daily on) (a variety of) hard, non-porous environmental surfaces such as vinyl, painted surfaces, plastic (surfaces), glazed ceramic, glazed porcelain, chrome, stainless steel, aluminum, laminated surfaces and baked enamel surfaces typically associated with walls, ceilings, tables, chairs, countertops, microwave ovens, kitchen areas, telephones, fixtures, glazed tile, toilets, urinals, bowl brushes, (bowl mops), sinks, shower rooms and locker rooms areas - any washable (food and non-food contact) surface where disinfection is required. A potable water rinse is required for all food contact surfaces. This product must not be used to clean the following surfaces: utensils, glassware, and dishes. It (also) eliminates odors leaving (restroom) surfaces smelling clean and fresh. Use where odors are a problem.

(Hospitals/Health Care Facilities:)

ENVY™ FOAMING DISINFECTANT CLEANER 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) a variety of hard, non-porous environmental surfaces. Foam quickly dissolves dirt, grime, mold, mildew, food residue, blood and other organic matter commonly found in hospitals (in health care facilities) (on medical surfaces). It (also) eliminates odors leaving (restroom) surfaces smelling clean and fresh. Use where odors are a problem.

ENVY™ FOAMING DISINFECTANT CLEANER cleans, disinfects and deodorizes hard, non-porous environmental hospital (medical) surfaces in one step (with no rinsing required). Use daily on a variety of hard, non-porous environmental surfaces such as vinyl, painted surfaces, plastic (surfaces), glazed ceramic, glazed porcelain, chrome, stainless steel, laminated surfaces and baked enamel surfaces typically associated with walls, ceilings, tables, chairs, countertops, telephones, fixtures, glazed tile, toilets, urinals, bowl brushes, (bowl mops,) 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 such as wheelchairs, [hospital] [patient] bed rails and linings, wash basins, bed pans, [and] [hospital] medical equipment [& devices,]) - any washable (food and non-food contact) surface (where disinfection is required). A potable water rinse is required for all food contact surfaces. This product must not be used to clean the following surfaces: utensils, glassware, and dishes.

(Food Service:)

ENVY™ FOAMING DISINFECTANT CLEANER can be used to clean food contact surfaces as well as the restroom and general areas. Foams away dirt, grime and food soils in food preparation and processing areas. Its non-abrasive formula will not harm (scratch) surfaces. It cleans, disinfects and eliminates odors leaving surfaces smelling clean and fresh. Use where odors are a problem. A potable water rinse is required for all food contact surfaces.

Its non-abrasive formula makes it ideal for use on (Use daily on) a variety of hard, non-porous environmental surfaces such as vinyl, painted surfaces, plastic (surfaces), glazed ceramic, glazed porcelain, chrome, aluminum, stainless steel, brass, copper, laminated surfaces and baked enamel surfaces (typically associated with walls, ceilings, tables, chairs, countertops, non-porous cutting boards, fixtures, glazed tile, toilets, (toilet bowls), urinals, sinks found in food establishments, (restaurants), (commercial kitchens) & restrooms. A potable water rinse is required for all food contact surfaces. This product must not be used to clean the following surfaces: utensils, glassware, and dishes.

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(Animal Housing Facilities:)

ENVY™ FOAMING DISINFECTANT CLEANER foams away 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) eliminates odors leaving surfaces smelling clean and fresh.

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

(Public Restrooms:)

ENVY™ FOAMING DISINFECTANT CLEANER is a one-step disinfectant cleaner and deodorant (odor-counteractant) (odor-neutralizer) designed for general cleaning, (and) (disinfecting) (deodorizing) (and controlling mold and mildew) on (of) a variety of hard, non-porous environmental surfaces.

Powerful foam cleans, disinfects and deodorizes surfaces by killing odor-causing germs and prevents (inhibits) (controls) the growth of mold and mildew. Its non-abrasive formula is ideal for use on (restroom surfaces such as:), glazed ceramic (restroom) tile, glazed porcelain, chrome, stainless steel and plastic surfaces typically associated with floors, walls, fixtures, toilets, urinals, sinks, shower rooms and locker rooms.

(Non-Acid Bowl [& Bathroom] Disinfectant Cleaner:)

ENVY™ FOAMING DISINFECTANT CLEANER is (also) a (ready-to-use) non-acid (bowl and) bathroom cleaner which cleans, disinfects and deodorizes in one easy step. Simply apply it like you would a non-acid bowl cleaner. It cleans, disinfects and deodorizes toilet bowls, urinals, bowl brushes (bowl mops), rims, sinks, sink basins, faucets, tubs, glazed tiles, glazed ceramic, glazed porcelain, chrome, stainless steel, and all non-porous environmental surfaces found in the bathroom (restroom) (in the presence of organic soil).

It eliminates odors leaving bathrooms (restrooms) smelling clean and fresh. Use where odors are a problem. It cleans, disinfects and deodorizes surfaces by killing odor-causing germs and prevents (inhibits) (controls) the growth of mold and mildew. Its non-abrasive formula is ideal for use (Use it daily) on (restroom surfaces such as:) glass, glazed ceramic (restroom) tile, glazed porcelain, chrome, stainless steel, and plastic surfaces typically associated with floors, walls, fixtures, toilets, urinals, sinks, shower rooms and locker rooms.

DIRECTIONS FOR USE:

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

ENVY™ FOAMING DISINFECTANT CLEANER can be applied by cloth, sponge, paper towel or spray directly on surface. Change cloth, sponges or towels frequently to avoid redeposition of soil.

General Cleaning:

Hold can upright. Spray foam evenly over surface. Wipe with clean cloth, sponge or paper towel. For heavily soiled areas or stubborn spots, let solution stay on the surface longer before wiping.

For One-Step Cleaning/Disinfecting:

1. Spray foam evenly over surface. Be sure to wet all surfaces thoroughly.
2. Let ENVY™ FOAMING DISINFECTANT CLEANER remain on surface for three (3) minutes.
3. Wipe with clean cloth, sponge or paper towel.
4. A potable water rinse is required for all food contact surfaces.

Note: All food contact surfaces such as appliances and kitchen countertops must be rinsed with potable water. Do not use on glassware, utensils, and dishes.

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

Non-Acid Cleaning and Disinfecting Toilet Bowls and Urinals:

1. With swab applicator, remove water from bowl by forcing water over trap.
2. Press swab applicator against side of bowl to remove excess water.
3. Apply ENVY™ FOAMING DISINFECTANT CLEANER foam to swab applicator, cloth, mop, sponge or directly to surface.
4. Swab entire surface area especially under the rim. Be sure to wet all surfaces thoroughly.
5. Allow entire surface to remain wet for three (3) minutes.
6. Flush toilet or urinal and rinse swab applicator thoroughly.

Fungi:

1. Spray foam evenly over surface. Be sure to wet all surfaces thoroughly.
2. Let ENVY™ FOAMING DISINFECTANT CLEANER remain on surface for three (3) minutes. For Trichophyton mentagrophytes (athlete's foot fungus) let remain on surface for ten (10) minutes.
3. Allow to air dry.
4. Repeat application weekly or when growth reappears.

Mold and Mildew:

1. Thoroughly clean surface prior to treatment.
2. Spray foam evenly over surface. Be sure to wet all surfaces thoroughly.
3. Let ENVY™ FOAMING DISINFECTANT CLEANER remain on surface for three (3) minutes.
4. Allow to air dry.
5. Repeat application weekly or when growth reappears.

For Use in Food Processing Plants:

1. Before using this product, food products and packaging materials must be removed from the room or carefully protected.
2. Spray foam evenly over surface. Be sure to wet all surfaces thoroughly.
3. Let ENVY™ FOAMING DISINFECTANT CLEANER remain on surface for three (3) minutes.
4. Wipe with clean cloth, sponge or paper towel.
5. A potable water rinse is required for all food contact surfaces.

For Use For Treatment of Animal Housing Facilities:

1. Remove all animals and feed 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 and rinse with water.
5. Spray foam evenly over floors, walls, cages and other washable hard, non-porous environmental surfaces until all surfaces are wet. To disinfect, all surfaces must remain wet for three (3) minutes.
6. Do not house animals or employ equipment until product has dried.
7. To clean and disinfect feed racks, troughs, automatic feeders, fountains and watering appliances spray foam evenly over surfaces, let stand three (3) minutes and rinse with potable water before reuse.

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***ENVY™ FOAMING DISINFECTANT CLEANER kills HIV-1 in one minute 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 Human Immunodeficiency Virus Type 1 (HIV-1) (associated with AIDS).

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

Personal Protection: Disposable latex or vinyl gloves, gowns, face masks, or 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 ENVY™ FOAMING DISINFECTANT CLEANER.

Contact Time: Allow surface to remain wet for 1 minute to kill HIV-1. Allow 10 minutes for Trichophyton mentagrophytes and 3 minutes to kill all other organisms cited on the label.

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

This product is not to be used as a terminal sterilant/high level disinfectant on any surface or instrument that (1) is introduced directly into the human body, 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.

(CLAIMS:)

ENVY™ FOAMING DISINFECTANT CLEANER is highly effective against a wide variety (broad-spectrum) of pathogenic microorganisms. Using the Germicidal Spray Test Method (under Good Laboratory Practices [GLPs]), 10% organic soil load and a 3 minute contact time (unless otherwise noted), this product kills the following on hard, non-porous environmental surfaces:

Bacteria (Bactericidal Activity) - kills on hard non-porous environmental surfaces:

- | | | |
|--|--|--|
| <i>Pseudomonas aeruginosa</i> , (ATCC 15442) | <i>Klebsiella pneumoniae</i> , (ATCC 13883) | <i>Salmonella typhimurium</i> , (ATCC 13311) |
| <i>Staphylococcus aureus</i> , (ATCC 6538) | <i>Legionella pneumophila</i> , (ATCC 33153) | <i>Serratia grimesii</i> , (ATCC 14460) |
| <i>Salmonella choleraesuis</i> , (ATCC 10708) | <i>Listeria monocytogenes</i> , (ATCC 15313) | <i>Serratia liquefaciens</i> , (ATCC 14460) |
| <i>Acinetobacter calcoaceticus</i> , (ATCC 9957) | <i>Micrococcus luteus</i> , (ATCC 4698) | <i>Shigella dysenteriae</i> , (ATCC 29026) |
| <i>Brevibacterium ammoniagenes</i> , (ATCC 6872) | <i>Micrococcus sedentarius</i> , (ATCC 27573) | <i>Shigella flexneri</i> , (ATCC 25875) |
| <i>Campylobacter fetus</i> , (ATCC 27374) | <i>Morganella morganii</i> , (ATCC 25830) | <i>Shigella sonnei</i> , (ATCC 25931) |
| <i>Citrobacter freundii</i> , (ATCC 8090) | <i>Neisseria gonorrhoeae</i> , (ATCC 43069) | <i>Staphylococcus aureus</i> , (ATCC 25923) |
| <i>Enterobacter aerogenes</i> , (ATCC 13648) | <i>Pasteurella multocida</i> , (ATCC 43137) | <i>Staphylococcus aureus</i> (Toxic Shock), (ATCC 33586) |
| <i>Enterobacter agglomerans</i> , (ATCC 27155) | <i>Proteus mirabilis</i> , (ATCC 9240) | <i>Staphylococcus epidermidis</i> , (ATCC 14990) |
| <i>Enterobacter cloacae</i> , (ATCC 23355) | <i>Proteus vulgaris</i> , (ATCC 13315) | <i>Staphylococcus haemolyticus</i> , (ATCC 29970) |
| <i>Enterobacter gergoviae</i> , (ATCC 33028) | <i>Pseudomonas cepacia</i> , (ATCC 25416) | <i>Staphylococcus saprophyticus</i> , (ATCC 15305) |
| <i>Enterobacter liquefaciens</i> , (ATCC 14460) | <i>Pseudomonas diminuta</i> , (ATCC 11568) | <i>Staphylococcus species</i> , (ATCC 12715) |
| <i>Enterococcus faecalis</i> , (ATCC 19433) | <i>Pseudomonas fluorescens</i> , (ATCC 13525) | <i>Streptococcus agalactiae</i> , (ATCC 13813) |
| <i>Enterococcus hirae</i> , (ATCC 10541) | <i>Pseudomonas putida</i> , (ATCC 12633) | <i>Streptococcus faecalis</i> , (ATCC 19433) |
| <i>Escherichia coli</i> , (ATCC 11229) | <i>Pseudomonas stutzeri</i> , (ATCC 17588) | <i>Streptococcus mutans</i> , (ATCC 25175) |
| <i>Escherichia coli</i> 0157:H7, (ATCC 43890) | <i>Salmonella choleraesuis pullorum</i> , (ATCC 19945) | <i>Streptococcus pyogenes</i> , (ATCC 19615) |
| <i>Flavobacterium meningosepticum</i> , (ATCC 13253) | <i>Salmonella enteritidis</i> , (ATCC 13076) | <i>Vibrio cholera</i> , (ATCC 1:623) |
| <i>Haemophilus influenza</i> , (ATCC 10211) | <i>Salmonella gallinarum</i> , (ATCC 9184) | <i>Yersinia enterocolitica</i> , (ATCC 9610) |
| <i>Hafnia alvei</i> , (ATCC 13337) | <i>Salmonella schottmuelleri</i> , (ATCC 10719) | |
| <i>Klebsiella oxytoca</i> , (ATCC 13182) | <i>Salmonella typhi</i> , (ATCC 6539) | |

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Antibiotic-Resistant (Strains of) Bacteria (Antibiotic-Resistant Bactericidal Activity) – kills on hard non-porous environmental surfaces:

<i>E. coli</i> , (ATCC 55244 & 29181) (Resistant to Kanamycin, Trimethoprim, Streptomycin)	<i>Klebsiella oxytoca</i> , (ATCC 15764) (Resistant to Ampicillin, Dihydrostreptomycin)	<i>Staphylococcus aureus</i> , (ATCC 33592, CDC HIP-5836 & 14154) (Resistant to Methicillin (MRSA), Gentamicin (GRSA), Penicillin, Erythromycin, Streptomycin, Tetracycline); Intermediate resistance to Vancomycin (VISA)
<i>E. coli</i> O157:H7, (ATCC 47041) (Resistant to Tetracycline)	<i>Micrococcus luteus</i> , (ATCC 14452) (Resistant to Dihydrostreptomycin, Neomycin, Streptomycin)	<i>Streptococcus pneumoniae</i> , (ATCC 51915) (Resistant to Penicillin (PRSP))
<i>Enterococcus faecalis</i> , (ATCC 51559) (Resistant to Vancomycin (VRE), Ampicillin, Ciprofloxacin, Gentamicin, Risampin, Teicoplanin)	<i>Micrococcus sedentarius</i> , (ATCC 27573) (Resistant to Methicillin)	

Viruses (*Virucidal Activity) – kills on hard non-porous environmental surfaces:

HIV-1 (AIDS virus)**, (HTLV-III _B)	<i>Herpes simplex Type 1</i> , (VR-733)	<i>Parainfluenza Type 3</i> , (VR-93)
<i>Adenovirus Type 2</i> , (VR-846)	<i>Herpes simplex Type 2</i> , (VR-734)	<i>Respiratory syncytial virus</i> , (VR-26)
<i>Cytomegalovirus</i> , (VR-538)	<i>Influenza Type A₂</i> (Hong Kong), (VR-544)	<i>Vaccinia virus</i> , (VR-119)
<i>Hepatitis A virus</i> (HAV), (VR-1073)		

Veterinary viruses:

Chlamydia psittaci, (VR-125)

**Tests performed using 1 minute contact time.

Fungi (Fungicidal Activity) – kills on hard non-porous environmental surfaces:

Fungicidal activity:

Geotrichum candidum, (ATCC 18301) *Trichophyton mentagrophytes* ***, (ATCC 9533) (athlete's foot fungus)

Fungi (Fungicidal Activity) - kills *Trichophyton mentagrophytes* *, (ATCC 9533) (athlete's foot fungus) when applied to areas as: shower and locker room floors, benches, and floor mats and other hard, non-porous environmental surfaces where *Trichophyton mentagrophytes* ***, (ATCC 9533) (athlete's foot fungus) may be found.**

***Tests performed using 10 minute contact time.

Mold/Mildew Control (Mildewstatic Activity) – controls and prevents (inhibits) the growth of mold and mildew (such as *Aspergillus niger* (ATCC 6275)) (and the odors caused by them) when applied to previously cleaned hard, non-porous environmental surfaces.

Malodor(s) Control (Activity) (Counteractancy) – eliminates (destroys) odors and odor-causing bacteria in restroom areas, behind and under sinks and counters, garbage cans and storage areas (and other places where bacterial growth can cause malodors).

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

CAUTION: Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling.

PHYSICAL AND CHEMICAL HAZARDS: Contents under pressure. Do not use or store near heat or open flame. Do not puncture or incinerate container. Exposure to temperatures above 130°F may cause bursting:

FIRST AID:

IF IN EYES: Flush eyes with plenty of water. Call medical attention if irritation persists.

IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritation persists.

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STORAGE AND DISPOSAL:

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

PESTICIDE STORAGE: Store away from heat or flame.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL:

This container may be recycled in aerosol recycling centers. Before offering for recycling, empty the can by using the product according to the label (DO NOT PUNCTURE!). If recycling is not available, wrap the container in newspaper and discard in trash.

ADVERTENCIA: Si no puede leer en ingles, pregunte a su supervisor por el modo de empleo apropiado antes trabajar con este producto.

Questions? Comments:

Call 800-558-2332 Weekdays 8-5 Central Time (or) Write Customer Service Department, P.O. Box 902, Sturtevant WI 53177-0902.

EPA Reg. No. 70627-GL

EPA Est. No. _____

(Lot number suffix (A) or (B) indicates appropriate establishment number.)

(MSDS Ref. No.xxxxxxxxxx)

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Johnson wax PROFESSIONAL

ENVY™ FOAMING DISINFECTANT CLEANER REFERENCE SHEET

ENVY™ FOAMING DISINFECTANT CLEANER is highly effective against a wide variety (broad-spectrum) of pathogenic microorganisms. Using the Germicidal Spray Test Method (under Good Laboratory Practices [GLPs]), 10% organic soil load and a 3 minute contact time (unless otherwise noted), this product kills the following on hard, non-porous environmental surfaces:

Bacteria (Bactericidal Activity) - kills on hard non-porous environmental surfaces:

- | | | |
|--|--|--|
| <i>Pseudomonas aeruginosa</i> , (ATCC 15442) | <i>Klebsiella pneumoniae</i> , (ATCC 13883) | <i>Salmonella typhimurium</i> , (ATCC 13311) |
| <i>Staphylococcus aureus</i> , (ATCC 6538) | <i>Legionella pneumophila</i> , (ATCC 33153) | <i>Serratia grimesii</i> , (ATCC 14460) |
| <i>Salmonella choleraesuis</i> , (ATCC 10708) | <i>Listeria monocytogenes</i> , (ATCC 15313) | <i>Serratia liquefaciens</i> , (ATCC 14460) |
| <i>Acinetobacter calcoaceticus</i> , (ATCC 9957) | <i>Micrococcus luteus</i> , (ATCC 4698) | <i>Shigella dysenteriae</i> , (ATCC 29026) |
| <i>Brevibacterium ammoniagenes</i> , (ATCC 6872) | <i>Micrococcus sedentarius</i> , (ATCC 27573) | <i>Shigella flexneri</i> , (ATCC 25875) |
| <i>Campylobacter fetus</i> , (ATCC 27374) | <i>Morganella morganii</i> , (ATCC 25830) | <i>Shigella sonnei</i> , (ATCC 25931) |
| <i>Citrobacter freundii</i> , (ATCC 8090) | <i>Neisseria gonorrhoeae</i> , (ATCC 43069) | <i>Staphylococcus aureus</i> , (ATCC 25923) |
| <i>Enterobacter aerogenes</i> , (ATCC 13048) | <i>Pasteurella multocida</i> , (ATCC 43137) | <i>Staphylococcus aureus</i> (Toxic Shock), (ATCC 33586) |
| <i>Enterobacter agglomerans</i> , (ATCC 27155) | <i>Proteus mirabilis</i> , (ATCC 9240) | <i>Staphylococcus epidermidis</i> , (ATCC 14990) |
| <i>Enterobacter cloacae</i> , (ATCC 23355) | <i>Proteus vulgaris</i> , (ATCC 13315) | <i>Staphylococcus haemolyticus</i> , (ATCC 29970) |
| <i>Enterobacter gergoviae</i> , (ATCC 33028) | <i>Pseudomonas cepacia</i> , (ATCC 25416) | <i>Staphylococcus saprophyticus</i> , (ATCC 15305) |
| <i>Enterobacter liquefaciens</i> , (ATCC 14460) | <i>Pseudomonas diminuta</i> , (ATCC 11568) | <i>Staphylococcus species</i> , (ATCC 12715) |
| <i>Enterococcus faecalis</i> , (ATCC 19433) | <i>Pseudomonas fluorescens</i> , (ATCC 13525) | <i>Streptococcus agalactiae</i> , (ATCC 13813) |
| <i>Enterococcus hirae</i> , (ATCC 10541) | <i>Pseudomonas putida</i> , (ATCC 12633) | <i>Streptococcus faecalis</i> , (ATCC 19433) |
| <i>Escherichia coli</i> , (ATCC 11229) | <i>Pseudomonas stutzeri</i> , (ATCC 17588) | <i>Streptococcus mutans</i> , (ATCC 25175) |
| <i>Escherichia coli</i> 0157:H7, (ATCC 43890) | <i>Salmonella choleraesuis pullorum</i> , (ATCC 19945) | <i>Streptococcus pyogenes</i> , (ATCC 19615) |
| <i>Flavobacterium meningosepticum</i> , (ATCC 13253) | <i>Salmonella enteritidis</i> , (ATCC 13076) | <i>Vibrio cholera</i> , (ATCC 11623) |
| <i>Haemophilus influenza</i> , (ATCC 10211) | <i>Salmonella gallinarum</i> , (ATCC 9184) | <i>Yersinia enterocolitica</i> , (ATCC 9610) |
| <i>Hafnia alvei</i> , (ATCC 13337) | <i>Salmonella schottmulleri</i> , (ATCC 10719) | |
| <i>Klebsiella oxytoca</i> , (ATCC 13182) | <i>Salmonella typhi</i> , (ATCC 6539) | |

Antibiotic-Resistant (Strains of) Bacteria (Antibiotic-Resistant Bactericidal Activity) – kills on hard non-porous environmental surfaces:

- | | | |
|--|--|--|
| <i>E. coli</i> , (ATCC 55244 & 29181)
(Resistant to Kanamycin, Trimethoprim, Streptomycin) | <i>Klebsiella oxytoca</i> , (ATCC 15764)
(Resistant to Ampicillin, Dihydrostreptomycin) | <i>Staphylococcus aureus</i> , (ATCC 33592, CDC HIP-5836 & 14154)
(Resistant to Methicillin (MRSA), Gentamicin (GRSA), Penicillin, Erythromycin, Streptomycin, Tetracycline);
Intermediate resistance to Vancomycin (VISA) |
| <i>E. coli</i> 0157:H7, (ATCC 47041)
(Resistant to Tetracycline) | <i>Micrococcus luteus</i> , (ATCC 14452)
(Resistant to Dihydrostreptomycin, Neomycin, Streptomycin) | <i>Streptococcus pneumoniae</i> , (ATCC 51915)
(Resistant to Penicillin (PRSP)) |
| <i>Enterococcus faecalis</i> , (ATCC 51559)
(Resistant to Vancomycin (VRE), Ampicillin, Ciprofloxacin, Gentamicin, Risampin, Teicoplanin) | <i>Micrococcus sedentarius</i> , (ATCC 27573)
(Resistant to Methicillin) | |

Viruses (*Virucidal Activity) – kills on hard non-porous environmental surfaces:

- | | | |
|---|---|--|
| <i>HIV-1</i> (AIDS virus)**, (HTLV-III _B) | <i>Herpes simplex Type 1</i> , (VR-733) | <i>Parainfluenza Type 3</i> , (VR-93) |
| <i>Adenovirus Type 2</i> , (VR-846) | <i>Herpes simplex Type 2</i> , (VR-734) | <i>Respiratory syncytial virus</i> , (VR-26) |
| <i>Cytomegalovirus</i> , (VR-538) | <i>Influenza Type A₂</i> (Hong Kong), (VR-544) | <i>Vaccinia virus</i> , (VR-119) |
| <i>Hepatitis A virus</i> (HAV), (VR-1073) | | |

Veterinary viruses:
Chlamydia psittaci, (VR-125)

**Tests performed using 1 minute contact time.

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

Fungi (Fungicidal Activity) – kills on hard non-porous environmental surfaces:

Fungicidal activity:

Geotrichum candidum, (ATCC 18301) *Trichophyton mentagrophytes* ***, (ATCC 9533) (athlete's foot fungus)

Fungi (Fungicidal Activity) - kills *Trichophyton mentagrophytes* ***, (ATCC 9533) (athlete's foot fungus) when applied to areas as: shower and locker room floors, benches, and floor mats and other hard, non-porous environmental surfaces where *Trichophyton mentagrophytes* ***, (ATCC 9533) (athlete's foot fungus) may be found.

***Tests performed using 10 minute contact time.

Mold/Mildew Control (Mildewstatic Activity) – controls and prevents (inhibits) the growth of mold and mildew (such as *Aspergillus niger* (ATCC 6275)) (and the odors caused by them) when applied to previously cleaned hard, non-porous environmental surfaces.

Malodor(s) Control (Activity) (Counteractancy) – eliminates (destroys) odors and odor-causing bacteria in restroom areas, behind and under sinks and counters, garbage cans and storage areas (and other places where bacterial growth can cause malodors).

Questions? Comments:

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