



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

FEB 12 2010

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

Ronald T. Cook, Manager -- Regulatory Affairs  
Spartan Chemical Company, Inc.  
1110 Spartan Drive  
Maumee, Ohio 43537

Subject: Consume Bio-Bowl  
EPA Registration Number: 5741-25  
Application Date: November 10, 2009  
Receipt Date: November 17, 2009

Dear Mr. Cook:

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

**Proposed Amendment:**

- Label revisions per PR Notice 2007-4
- Add Pandemic 2009 H1N1Influenza claims and other minor formatting revisions.

**Conditions**

Revise the label as follows:

- 1.) Revise the claim "For Institutional and Industrial Only" on page 2 to read "*For Institutional, and Industrial Use.*"
- 2.) The 2<sup>nd</sup> claim under "Back Label Copy" on page 2 must be brought into compliance with PR Notice 2000-5, Mandatory Labeling, by deleting the term, recommended.
- 3.) Revise the 5<sup>th</sup> statement under "Precautionary Statements" on page 4 by stating "Wash thoroughly with soap and water after handling *and before eating, drinking, chewing gum, using tobacco, or using the toilet.*"
- 4.) The Agency has concerns regarding the efficaciousness of a public health product if the container is rinsed, and the rinsate is added to the application equipment or stored for later use. Therefore, alternative rinsate instructions have been developed specifically for public health products. Revise your Container Disposal/Handling statements to reflect the following:

**Container Disposal:** Non-refillable container. Do not reuse this container to hold materials other than pesticides or diluted pesticides (rinsates). Offer for recycling if available. If not, puncture and dispose of in a sanitary landfill.

RESIDUE REMOVAL INSTRUCTIONS					
SYMBOL	Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Fill container 1/4 full with water and recap. Shake 10 seconds. Follow Pesticide Disposal				
SURNAME					
DATE					

instructions for rinsate disposal. Drain for 10 seconds after the flow begins to drip. Repeat procedure two more times.

**RESIDUE REMOVAL INSTRUCTIONS:** *(For containers greater than 5 gallons)*

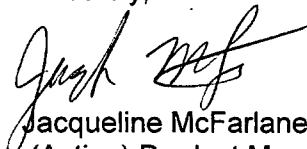
Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Fill container 1/4 full with water. Tip container on its side and roll it back and forth, ensuring at least one complete revolution for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over its other end and tip it back and forth several times. Follow Pesticide Disposal instructions for rinsate disposal. Repeat procedure two more times.

**General Comments:**

A stamped label acceptable with conditions is enclosed for your records. Submit three (3) copies of your final printed labeling before distributing or selling the product bearing the revised labeling.

Should you have further questions concerning this letter, please contact me by telephone at (703) 308-6416 or by e-mail at [Campbell-mcfarlane.jacquelline@epa.gov](mailto:Campbell-mcfarlane.jacquelline@epa.gov) or Killian Swift by telephone at (703) 308-6346 or by email at [swift.killian@epa.gov](mailto:swift.killian@epa.gov). When submitting information or data in response to this letter, a copy of this letter should accompany the submission to facilitate processing.

Sincerely,



Jacqueline McFarlane  
(Acting) Product Manager 34  
Regulatory Management Branch II  
Antimicrobials Division (7510P)

Enclosure: Stamped label

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

Front Label Copy:



*(Note to EPA-The use of this graphic is optional)*

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:  
FEB 12 2010

**Consume Bio-Bowl**

Citric Acid Toilet, Urinal & Shower Room Cleaner Disinfectant

Citric Acid Toilet Bowl & Bathroom Cleaner Disinfectant

Disinfects, Cleans, Deodorizes

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended for the pesticide,  
registered under EPA Reg. No.  
5741-25

\*Kills Staphylococcus aureus, Pseudomonas aeruginosa, Salmonella enterica, \*\*Influenza A, and \*\*Herpes simplex Type 2

*(Note to EPA -The use of the following kill claim expression is optional)*

\*Kills Staphylococcus aureus, ATCC 6538, Pseudomonas aeruginosa, ATCC 15442, Salmonella enterica, ATCC 10708, \*\*Influenza A virus, ATCC VR-544, Strain Hong Kong and \*\*Herpes simplex virus Type 2, ATCC VR-734, Strain G

*(Note to EPA -The use of the following phrases are optional)*

-Respiratory illnesses attributable to Pandemic 2009 H1N1 are caused by influenza A virus. This product is a broad-spectrum hard surface disinfectant that has been shown to be effective against Influenza A/Hong Kong 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 A/Hong Kong and is expected to inactivate all influenza A viruses including Pandemic 2009 H1N1 influenza A virus (formerly called swine flu).

-Kills Pandemic 2009 H1N1 influenza A virus (formerly called swine flu).

-Kills Pandemic 2009 H1N1 influenza A virus

*(Note to EPA -The use of the following phrases are optional) "RTU Handi Spray" "Ready-to-Use"*

**ACTIVE INGREDIENTS:**

Citric Acid ..... 8.0%

**INERT INGREDIENTS:** ..... 92.0%

Total ..... 100.0%

(Includes compatible cleaning agents, and deodorizer)

U.S. Patent No. 6,387,874 B1

E.P.A. Reg. No. 5741- 25

E.P.A. Est. No. 5741-OH-1

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

See back panel for additional precautionary and first aid statements.

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*(Note to the EPA-The use of the following phrase is optional)*

FOR INSTITUTIONAL AND INDUSTRIAL USE ONLY

SPARTAN CHEMICAL COMPANY, INC.  
1110 Spartan Drive  
Maumee, OH 43537

NET CONTENTS:

Back Label Copy:

This product [or product name] is a citric acid based formulation designed to clean, disinfect and deodorize [insert surfaces] [and].

This product [or product name] is ~~recommended~~ for use [throughout] [the] [in] [and] [Insert use sites]

Use this product [or product name] [throughout] [the] [in] [and] [Insert use site] on washable hard, nonporous surfaces such as: [and] [insert surfaces]

[Surfaces:]

Glazed ceramic tile, glazed porcelain, shower walls, toilet bowls, urinals, chrome, shower curtains and doors, vanity tops, tub and sink surfaces and fixtures, fiberglass and synthetic marble, other hard nonporous bathroom surfaces.

[Use Sites:]

Schools, hospitals, nursing homes, healthcare facilities, public buildings, restaurants, office buildings, transportation terminals, lodging/hospitality establishments, hotels, motels, churches, factories, apartment buildings, athletic/recreation facilities, ...any commercial, institutional or industrial building with lavatory facilities, any public place with restroom facilities, public restrooms, homes, home, bathroom, bathrooms, restrooms.

*(Note to EPA-The following is considered optional marketing language)*

- Removes (tough) stains (even under the rim)
- Removes problem stains (even under the rim)
- Removes hard water rings (stains)
- Removes hard water buildup
- (Thick formula) (Thick liquid) (Thick liquid formula) completely coats bowl (for powerful deep cleaning)
- (Thick formula) (Thick liquid) (Thick liquid formula) clings to bowl (for powerful deep cleaning)
- (Thick formula) (Thick liquid) (Thick liquid formula) sticks to bowl (for powerful deep cleaning)
- Tough on stains
- Removes (rust) (lime) (calcium) stains
- Antibacterial
- Virucidal\*\*
- Disinfectant

- Disinfecting
- Disinfects (as it cleans)
- Disinfects against odor causing germs\*
- Disinfects, deodorized and kills odor-causing germs\*
- Cleans and disinfects
- Kills germs\*
- Kills odor-causing germs\*
- (Clean) fresh scent
- (Clean) citrus scent

*(Note to EPA-The following is considered optional marketing language)*

FROM QUICK TOUCH-UPS TO SERIOUS DEEP CLEANING, X-14 IS THE BATHROOM EXPERT.

**Try these other products from The Bathroom X-pert**

X-14 Mold & Mildew Remover... ..for a deep clean - use on tough jobs

X-14 Bathroom Cleaner... ..for a deep clean- use on tough jobs

X-14 Foaming Bathroom Cleaner... ..for a deep clean- use on tough jobs

X-14 Daily Shower Cleaner... ..for a quick clean - just spray daily, no wiping

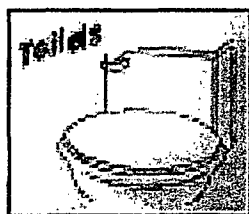
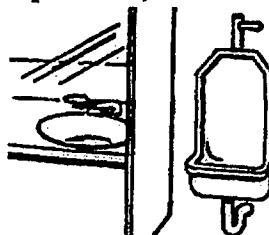
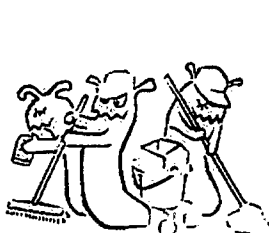
X-14 Automatic Toilet Bowl Cleaners. ....for a quick clean - just drop in tank and flush, no scrubbing

X-14 Cleaning Wipes... ..for a quick clean -wipe away daily grime

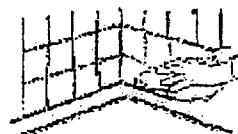
X-14 Sanitizing Wipes... ..for a quick clean -wipe away daily grime

X-14 Drain Cleaner ... .. for a quick clean -just cover drain and press

*(Note to EPA-The use of the following graphics are optional :)*



Please Recycle Container



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**DIRECTIONS FOR USE:**

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

**Disinfecting, Cleaning and Deodorizing Toilet Bowls and Urinals:**

Remove gross filth before disinfection. Empty toilet bowl or urinal and apply 1-2 ounces of product to exposed surfaces with a brush or swab mop. Brush or swab thoroughly, especially under the rim. Let stand for 10 minutes, then flush.

**Disinfecting, Cleaning and Deodorizing Glazed Ceramic Tile, Glazed Porcelain, Shower Walls and Other Hard Nonporous Bathroom Surfaces:** Remove gross filth before disinfection. Apply 1-2 ounces of Consume Bio-Bowl with a cloth, mop, sponge or coarse sprayer. **DO NOT MIST.** For effectiveness against *Staphylococcus aureus*, *Pseudomonas aeruginosa*, and *Salmonella enterica*, treated surfaces must remain wet for 10 minutes. For effectiveness against **\*\*Influenza A** and **\*\*Herpes simplex Type 2** treated surfaces must remain wet for 5 minutes. Scrub and rinse thoroughly with water.

*(Note to EPA-Alternate Directions For Use)*

**DIRECTIONS FOR USE:**

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

**To clean, disinfect and deodorize toilet bowls:**

1. Flush toilet and remove heavy soil with brush prior to applying product.
2. Empty toilet bowl water with brush.
3. Point top of bottle into bowl so opening is just below rim.
4. Apply 1-2 ounces of product under and around rim, coating the bowl.
5. Let stand 10 minutes, then brush entire bowl and flush.
6. Rinse brush in fresh bowl water after each use.

**To clean, disinfect and deodorize other hard non-porous bathroom surfaces:**

1. Remove excess soil prior to applying product.
2. Apply 1-2 ounces of product with cloth, sponge or mop.
3. For effectiveness against *Staphylococcus aureus*, *Pseudomonas aeruginosa*, and *Salmonella enterica* let stand for 10 minutes. For effectiveness against **\*\*Influenza A** and **\*\*Herpes simplex Type 2** let stand for 5 minutes. Then, scrub and rinse thoroughly with water.

**NOTE: DO NOT USE ON NON-ACID RESISTANT SURFACES. THIS PRODUCT WILL ETCH OR OTHERWISE DAMAGE MARBLE AND OTHER NON-ACID RESISTANT SURFACES. DO NOT MIX WITH BLEACH, CHLORINATED DETERGENTS OR OTHER CHEMICALS AS TOXIC OR IRRITATING FUMES MAY BE RELEASED.**

**PRECAUTIONARY STATEMENTS**

**Hazards to Humans and Domestic Animals**

**CAUTION.** Causes moderate eye irritation. May be harmful if swallowed. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling.

*(Note to EPA -The following text will be used on five gallon pails and larger containers only)*

#### **ENVIRONMENTAL HAZARDS**

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

#### **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. Call a poison control center or doctor for treatment advice.

**If on skin or clothing:** 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.

**24 HOUR MEDICAL EMERGENCY NUMBER: 888-314-6171**

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

*(NOTE TO EPA: The following text will be used on containers of 5 gallons or less.)*

#### **STORAGE AND DISPOSAL**

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

**Pesticide Storage:** Store in a cool, dry area inaccessible to children.

**Pesticide Disposal:** Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

**Container Disposal:** Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available. Triple rinse 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 container 1/4 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 10 seconds after the flow begins to drip. Repeat this procedure two more times.

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***(NOTE TO EPA: The following text will be used on containers of greater than 5 gallons)***

**STORAGE AND DISPOSAL**

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

**Pesticide Storage:** Store in a cool, dry area inaccessible to children.

**Pesticide Disposal:** Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

**Container Disposal:** Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available. Triple rinse container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip 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.

SPARTAN CHEMICAL COMPANY, INC.  
1110 Spartan Drive, Maumee, Ohio 43537  
1-800-537-8990/ [www.spartanchemical.com](http://www.spartanchemical.com)

***(NOTE TO EPA: The following are optional phrases)***

Fax On Demand Material Safety Data Sheet: 888-383-4666, No. (XXXXX)