

70271-15

03/26/2009

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

MAR 26 2009

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

Christina Griffin, Agent  
KIK International Inc.  
12510 Prosperity Drive, Suite 160  
Silver Spring, MD. 20904

Subject: Notification dated: March 9, 2009  
2% Sodium Hypochlorite Spray  
EPA Registration 70271-15

Dear Christina:

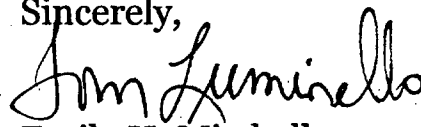
This acknowledges receipt of your Notification submitted in accordance with the provisions of PR Notice 98-10 under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) section 3(c)9.

Proposed Notifications

- Addition of label claims consistent with current claims on your label.
- Addition of non-FIFRA marketing language and some additional master label guidance.
- Addition of "exterior surfaces of" to the toilet bowl cleaning directions.

Based on a review of the material, submitted the notification is acceptable. Should you have any questions or comments concerning this letter, please contact Tom Luminello at (703) 308-8075.

Sincerely,

  
for Emily H. Mitchell  
Product Manager 32  
Regulatory Management Branch II  
Antimicrobials Division (7510P)

**EPA**
 United States  
**Environmental Protection Agency**  
 Washington, DC 20460

☐ Registration  
☐ Amendment  
☒ Other

OPP Identifier Number

**NOTIF****Application for Pesticide - Section I**

1. Company/Product Number <b>70271-15</b>	2. EPA Product Manager <b>Emily Mitchell</b>	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) <b>KIK International, Inc. / 2% Sodium Hypochlorite Spray</b>	PM# <b>32</b>	
5. Name and Address of Applicant (Include ZIP Code) <b>KIK International, Inc. c/o Delta Analytical Corp. 12510 Prosperity Drive, Suite 160 Silver Spring, MD 20904</b> <i>Check if this is a new address</i>	6. <b>Expedited Review.</b> In accordance with FIFRA Section 3(c)(3)(b)(i), my product is similar or identical in composition and labeling to:  EPA Reg. No. _____ Product Name _____	

**Section - II**
☐ Amendment - Explain below  
☐ Resubmission in response to Agency letter dated \_\_\_\_\_  
☒ Notification - Explain below.
 ☐ Final printed labels in response to Agency letter dated \_\_\_\_\_  
☐ "Me Too" Application.  
☐ Other - explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

**Notification per PR Notice 98-10; to add reader's notes and minor clarifying changes to master label**

This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

**Section - III****1. Material this Product will be Packaged in:**

Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	2. Type of Container <input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
* <b>Certification must be submitted.</b>	If "Yes," Unit Package wgt.      No. per container	If "Yes," Unit Package wgt.      No. per container	
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container	4. Size(s) of Retail Container	5. Location of Label Direction <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner In Which Label Is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Other _____ <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled			

**Section - IV****1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)**

Name <b>Cristina Griffin</b>	Title <b>Agent for KIK International, Inc.</b>	Telephone No. (Include Area Code) <b>301-680-7971</b>
<b>Certification</b> I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any kind of knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		5. Date Application Received <b>(Stamped)</b>
2. Signature 	3. Title <b>Agent for KIK International, Inc.</b>	
4. Typed Name <b>Cristina Griffin</b>	5. Date <b>March 9, 2009</b>	



March 9, 2009

Document Processing Desk (NOTIF)  
Office of Pesticide Programs (7504P)  
Environmental Protection Agency  
One Potomac Yard  
2777 S. Crystal Drive, Room S-4900  
Arlington, VA 22202

Attn: Emily Mitchell, PM 32

**Re: Notification per PR Notice 98-10; to add reader's notes and minor clarifying changes to master label**

**Product: 2% Sodium Hypochlorite Spray**  
**EPA Reg. No.: 70271-15**  
**Company: KIK International, Inc.**

Dear Ms. Mitchell:

On behalf of KIK International, Inc., I am submitting a notification per PR Notice 98-10 for the product 2% Sodium Hypochlorite Spray, EPA Reg. No. 70271-15. All label changes are highlighted and include the following:

- Additional label claims (page 3 and 4) consistent with current claims and some non-FIFRA related language
- Master label reader's notes (page 5 and 6) to assist development of production labels
- Adding "exterior surfaces of" toilet bowl to clarify use of the product (page 5)

Enclosures:

- EPA Form 8570-1
- 1 copy of the master label (changes highlighted)

PLEASE NOTE: The label on EPA's current PPLS system includes pages 9/10 and 10/10 which should not be there because they include an EPA error subsequently corrected by EPA on 11/28/07. It would be best if this were corrected by removing the pages from PPLS, but at the least we want to make sure there is no confusion with regard to these pages.

If you have any questions regarding this submission, please contact me at 301 680-7971 or [cgriffin@delta-ac.com](mailto:cgriffin@delta-ac.com).

Sincerely,

  
Cristina Griffin  
Agent for KIK International, Inc.

Enclosures

cc: Justin Lowe

12510 Prosperity Drive Suite 160 Silver Spring, Maryland 20904  
(301) 680-7971 fax (301) 680-7975 [www.delta-ac.com](http://www.delta-ac.com)

## 2% Sodium Hypochlorite Spray

Active Ingredient	
Sodium Hypochlorite .....	2.0%
Other Ingredients .....	98.0%
Total.....	100.0%

(Provides 1.90% available chlorine)

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION** : Eye Irritant

**SEE BACK PANEL FOR PRECAUTIONARY STATEMENTS**

NET CONTENTS \_\_\_\_\_

*[The following may appear in any appropriate place on the label:]*

Manufactured by: KIK International, Inc.  
 33 Macintosh Blvd Concord Ontario L4K4L5 Canada  
*[For information: [phone number]] [website address] [e-mail address]*

Santa Fe Springs CA 90670	EPA Est. No. 70271-CA-002 <input type="checkbox"/>
Denver CO 80207	EPA Est. No. 70271-CO-001 <input type="checkbox"/>
Auburndale FL 33823	EPA Est. No. 70271-FL-001 <input type="checkbox"/>
Hampton GA 30228	EPA Est. No. 70271-GA-001 <input type="checkbox"/>
Eagan MN 55121	EPA Est. No. 70271-MN-001 <input type="checkbox"/>
Houston TX 77054	EPA Est. No. 70271-TX-001 <input type="checkbox"/>
Salem VA 24153	EPA Est. No. 70271-VA-001 <input type="checkbox"/>
Tacoma WA 98421	EPA Est. No. 70271-WA-001 <input type="checkbox"/>
Concord ON CN L4K 4L5	EPA Est. No. 70271-CAN-001 <input type="checkbox"/>
Etobicoke ON CN M9W 4J6	EPA Est. No. 70271-CAN-002 <input type="checkbox"/>

*[Actual establishment shown in code above or below label printed on bottle]*

EPA Reg. No. 70271-15

**PRECAUTIONARY STATEMENTS**  
**Hazards 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 and before eating, drinking, chewing gum or using tobacco. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals. Wear protective gloves for repeated use.

**FIRST AID:** Call a Poison Control Center or doctor immediately for treatment advice. Have the product container or label with you when calling a poison control center or doctor, or going for treatment. **If in Eyes:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. **If on Skin or Clothing:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes.

*[Environmental Hazards statement is required only for containers of five gallons or larger (PR notice 95-1)]*

**Environmental Hazards**

This product is toxic to fish and aquatic organisms. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or public 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.

**Physical or Chemical Hazards**

Strong oxidizer. Flush drains before and after use. Do not use or mix with other household chemicals, such as toilet bowl cleaners, rust removers, acid or ammonia containing products. To do so will release hazardous gasses. Prolonged contact with metal, old porcelain, or worn plastic laminate may cause pitting or discoloration.

[Choose from the following as appropriate, location is optional.]

Kills [list any of the organisms below] [and] common household germs<sup>1</sup> [in 60 seconds or 1 minute]

Kills germs<sup>1</sup> [in 60 seconds or 1 minute]

[Product name or This Product] kills germs<sup>1</sup> [in 60 seconds or 1 minute]

<sup>1</sup>Kills common household germs including: [list any of the organisms below]. or

<sup>1</sup>Effective at killing [list any of the organisms below] [on hard, non-porous surfaces].

This product, when used as directed on hard, non-porous surfaces, is effective against the following: [list any of the organisms below]

[ATCC Numbers are optional text and not required on production labels]

[BACTERICIDAL]

Escherichia coli (E. coli) [ATCC 11229]

Pseudomonas aeruginosa (pseudomonas) [ATCC 15442]

Salmonella enterica (salmonella) [ATCC 10708]

Staphylococcus aureus (staph) [ATCC 6538]

Streptococcus pyogenes (strep) [ATCC 12344]

[VIRUCIDAL\*]

\*Avian Influenza A virus (Avian Flu Virus) [ATCC VR-2072]

\*Influenza A virus [ATCC VR-544]

[FUNGICIDAL] [Note: fungi require 5 minute contact time; therefore these organisms cannot be listed with the 60 seconds claim]

Aspergillus niger (mildew) [ATCC 16404]

Trichophyton mentagrophytes (Athlete's foot fungus) [ATCC 9533]

All Purpose Cleaner with Bleach for Kitchen(s) & Bathroom(s)

Antibacterial

Antifungal

Avoid contact with [clothes] [fabric] [wood] [rubber] [carpet] [painted / paper surfaces] [non-porous vinyl surfaces] [finished floors]

Bleach for kitchen and bath

Bleaches away stains [in the] Bathroom [or Kitchen]

[Cleans] [and/or] [Shines] [Disinfects] [Deodorizes] [Fresh Clean Scent] [Clean Fresh Scent]

Cleans as it disinfects

Cleans everyday kitchen messes like dirt, grease and food stains

Cleans greasy dirt better than bleach alone

Cleans with the power of bleach

Commercial/Institutional Use

Contains a powerful cleaner plus bleach

Contains biodegradable cleaning agents [and/or] [cleaners] [surfactants] [soap and detergents]

Contains no phosphorus

Deep Down Clean!

Deodorizes and has a clean, fresh scent

Disinfectant

Disinfects

Disinfects and deodorizes by killing common household germs<sup>1</sup> and controlling their odors.

[Information in brackets [ ] is optional or instructional; italics in brackets indicate instructions not part of labeling.]

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Disinfects as it Cleans

Disinfects, deodorizes and kills [eliminates] odor causing germs

Do not use on [Acetate] [Leather] [Spandex] [Wool] [Mohair] [non-fast colors] [eating / cooking utensils] [glasses / dishes] [cookware] [steel] [aluminum] [silver] [chipped enamel]

Effective

Formulated for Foodservices Application

Fungicide [or] Fungicidal

Germ<sup>1</sup> fighting formula

Germicide [or] Germicidal

Keep product upright and tightly capped at all times

Kills Athlete's Foot Fungus [in 5 minutes]

Kills Avian flu virus (Avian Influenza A) on pre-cleaned surfaces

Kills [eliminate(s)] germs<sup>1</sup>

Kills [and/or] [eliminates] [removes] mold and mildew [in 5 minutes]

Kills Flu Virus\* \*Influenza A virus

Kills Germs<sup>1</sup> while it Cleans

Kills odor causing germs / Kills [household] germs<sup>1</sup>

Kills virus\* that causes the flu \*Influenza A virus

Mildewcidal [or] Mildewicide

Not harmful to septic systems

One step cleaner and disinfectant

Power of bleach [without the [strong] smell]

Removes [and/or] [cleans] [bleaches out] [soap scum] [and/or] [bathroom dirt] [and/or] [stains] [toilet bowl ring] [bathtub ring] [hard water deposits] [mineral deposits]

Removes [and/or] [cleans] [bleaches out] [food] [and/or] [juice] [coffee] [tea] [stains]

Removes [and/or] [cleans] [bleaches out] mold [and/or] mildew [stains]

Removes [and/or] [cleans] [tough [and/or] greasy] kitchen [dirt [and/or] grime]

Removes mildew stains and soap scum.

Removes Stains and Disinfects[!]

Removes stains on contact

Removes tough [food stains] [and/or] [mildew stains] [soap scum]

Removes tough spots and stains

Removes tough stains, grease and dirt

The bleach in this product breaks down almost entirely to salt and water [and/or] [this product is] suitable for septic [systems] [and/or] wastewater systems [or] treatment plants

The two job cleaner

This product can be used on plastic outdoor furniture

This product complies with consumer product volatile organic compound (VOC) laws.

Tough on mold [and/or] mildew

Tough on [tough] stains

Use carefully – This Product Contains Bleach

Use throughout kitchen and bathroom!

Whitens and removes mold [stains] and mildew [stains]

Wipes out [eliminate(s)] stains in kitchen and bath

Guaranteed. Return the unused portion with receipt for a replacement or your money back.

*[graphics of kitchen, bathroom, hard non-porous surfaces may be used on production labels]*

*[The following use sites should be placed on the front panel or above Directions for Use]*

*[Use one or more "Disinfection" directions if these use sites are on the label]*

**[Uses and Use Sites]**

This product can be used on hard non-porous surfaces in commercial, institutional, and household premises (including kitchens, bathrooms, nurseries, sick rooms), eating establishments, pet kennels, veterinary premises, farms, dairies, and food processing plants.

Use on: Countertops, Floors, Appliances, Glazed ceramic tile, Sealed grout, tubs, sinks, exterior surfaces of toilet bowls, and many other hard non-porous surfaces.

Kitchen: Clean and disinfect kitchen sinks and countertops.

Bathroom: Deodorize and disinfect bathtubs, showers, sealed grout, glazed tile and exterior surfaces of toilet bowls.

Cleans, shines [*and/or*] disinfects [*deodorizes*] [*washable*] [*bathroom(s)*] [*and/or*] [*restroom surfaces*] [*and/or*] [*fixtures*] around the home in schools and other public places.

*[Use one or more "Cleaning, Deodorizing, Stain Removal" directions if these use sites are on the label]*

Cleans tough food stains and greasy soils on walls, sinks, counters, cutting surfaces, food carts, stove tops, exteriors of appliances, no-wax floors, quarry tile, and ceramic tile.

Removes general soils, mildew stains, mold stains, and soap scum from sinks, toilets, bathtubs, showers, shower stalls, shower curtains, no-wax floors, quarry tile and glazed ceramic tile. Whitens grout in bathtubs, shower stalls, floors and walls.

[Same "Cleans, shines..." statement as above except excluding the word "disinfects"]



## DIRECTIONS FOR USE

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

For sensitive skin or prolonged use, wear gloves.

*[Use one or more of the following use directions as appropriate; may be used in any order.]*

### **DISINFECTION [Select one or more sets of directions as appropriate]**

#### **[To [clean and] disinfect [hard, non-porous surfaces]]:**

Apply [this product] with sponge, mop, or rag to wet surface completely. Let stand 1 minute. [Rinse or] wipe clean. For heavily soiled surfaces, preclean before disinfecting.

**[Spray application:]** [Turn nozzle [counter] clockwise to open.] Spray product 4-6 inches from surface until thoroughly wet. Let stand 60 seconds [or 1 minute]. [Rinse or] wipe clean. For heavily soiled surfaces, preclean surface before disinfecting.

[For [use as a spray for] Avian Influenza A: This product should be used as a spray only for surfaces which are not conducive to treatment by immersion or excess liquid (e.g., cages, equipment tables, lab benches, faucets handles, door knobs, and similar "high touch" surfaces).]

### **CLEANING, DEODORIZING, STAIN REMOVAL [Select one or more sets of directions as appropriate]**

**[To remove stains:** Use full strength [or mix 1 cup of this product in 1 gallon of water.] Apply with a sponge, mop or rag. Rinse or wipe clean.]

**[To clean floors:** Mop floor with 1 cup of this product mixed with 1 gallon of water. Rinse for best shine.]

**[Toilet bowls:** Flush toilet and add  $\frac{3}{4}$  cup of this product to bowl water. Brush thoroughly to wet all surfaces, including under the rim. Let stand 5 minutes before flushing.]

**[Spray application:]** [Turn nozzle [counter] clockwise to open.] Spray product 4-6 inches from surface until thoroughly wet. [Rinse or] wipe clean.

### **[FUNGI AND] MOLD AND MILDEW**

Kills mold and mildew [in 5 minutes]

Kills Athlete's Foot Fungus [in 5 minutes]

#### **To [clean and] kill fungi [and/or] mold [and/or] mildew [on hard, non-porous surfaces]:**

Apply [this product] with sponge, mop, or rag to wet surface completely. Let stand 5 minutes. [Rinse or] wipe clean. For heavily soiled surfaces, preclean before disinfecting.

**[Spray application:]** [Turn nozzle [counter] clockwise to open.] Spray product 4-6 inches from surface until thoroughly wet. Let stand 5 minutes. [Rinse or] wipe clean. For heavily soiled surfaces, preclean surface before disinfecting.

### **[Refill only with this product]**

#### **To Refill [Spray Bottles]:**

- 1. Remove:** Remove trigger sprayer [or cap] from empty bottle.
- 2. Pour:** Unscrew cap on refill and pour contents directly into empty bottle.
- 3. Use:** Replace trigger sprayer and use as you normally would.

*[Alternate language:]*

[Remove trigger sprayer from empty bottle,] unscrew cap and transfer your trigger to this bottle.

[Information in brackets [ ] is optional or instructional; italics in brackets indicate instructions not part of labeling.]

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*[use one or more of the following headings:]*

**[Veterinary Clinics] [Animal Life Science Laboratory] [Zoos] [Pet Shops] [Kennels] [Breeding and Grooming Establishments] [Animal Housing Facilities] [Poultry houses] [Hatcheries]:** [Kills Avian Influenza A virus]. For cleaning and disinfecting hard, non-porous surfaces: equipment, utensils, instruments, cages, kennels, stables, and catteries. Remove all animals and feeds from premises, animal transportation vehicles, crates, etc. Remove all litter, droppings, and manure from floors, walls, and surfaces of facilities occupied or transversed by animals. Empty all troughs, racks and other feeding and watering appliances. Thoroughly clean all surfaces with soap or detergent and rinse with potable water. Saturate surfaces with this product and let stand for 1 minute. Drain and rinse with potable water. Immerse all halters, ropes, and other types of equipment used in handling and restraining animals as well as forks, shovels, scrappers used in removing litter and manure. Ventilate buildings and other closed spaces. Do not house animals or employ equipment until treatment has been absorbed and then rinsed. All treated feed/water bowls, racks, troughs, automatic feeders, fountains, and waterers must be rinsed with potable water before reuse.

### **STORAGE AND DISPOSAL**

*[For containers larger than one gallon]*

Do not contaminate food or feed by storage, disposal or cleaning of equipment.

Storage: Store in a cool, dry area away from direct sunlight and heat to avoid deterioration. In case of spill, flood area with large quantities of water. Product or rinsates that cannot be used should be diluted with water before disposal in a sanitary sewer.

Container Disposal: Do not re-use empty container. Triple rinse and offer for recycling. If recycling is not available put in trash collection.

*[For non refillable containers one gallon or less:]*

Storage: Store in a cool, dry area away from direct sunlight and heat to avoid deterioration.

Container Disposal: Do not reuse empty container. Triple rinse and offer for recycling. If recycling is not available put in trash collection.

*[For refillable containers one gallon or less:]*

Storage: Store in a cool, dry area away from direct sunlight and heat to avoid deterioration. Refill container only with this product.

Container Disposal: Triple rinse and offer for recycling. If recycling is not available put in trash collection.