

4822-576

12/20/2010

1 of 11



U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Antimicrobials Division (7510P)  
1200 Pennsylvania Avenue NW  
Washington, D.C. 20460

EPA Reg. Number:  
4822-576

Date of Issuance:  
DEC 20 2010

Term of Issuance:  
**Conditional**

Name of Pesticide Product:  
PETRIE

NOTICE OF PESTICIDE:  
 Registration  
 Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

S.C. Johnson & Son, Inc.  
1525 Howe Street,  
Racine, WI. 53403-2236

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 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 re-registration of your product under FIFRA section 4.

2 **PRODUCT CHEMISTRY:**

The revised submission of Product Chemistry Group A as described in FINDINGS #1 through #3 are found to be acceptable.

Signature of Approving Official:

Velma Noble  
Product Manager Team-31  
Regulatory Management Branch I  
Antimicrobials Division (7510P)

Date:

DEC 20 2010

2011

Page 2							DATE	
EPA Reg. No. 4822-576							SURNAME	
							SYMBOL	
3. ACUTE TOXICITY:							CONCURRENCES	

The acute toxicity profile for File Symbol 4822-576 is currently:

Study	MRID Number	Toxicity Category	Study Status
Acute Oral Toxicity	481711-03	IV	Acceptable
Acute Dermal Toxicity	481711-04	IV	Acceptable
Acute Inhalation Toxicity	481711-05	IV	Acceptable
Primary Eye Irritation	481711-06	IV	Acceptable
	481711-07	---	Supplementary
Primary Skin Irritation	481711-08	IV	Acceptable
Dermal Sensitization	481711-09	Non-sensitizer	Acceptable

LABELING:

1. CTT has assigned EPA File Symbol 4822-576 toxicity category IV for all routes of acute toxicity exposure. Thus, the EPA does not require a Signal Word for this product. If a Signal Word is used, it must be "CAUTION". For more information, please refer to the 40 CFR §156.64 (4).
2. Due its acute toxicity profile (non-sensitizer and all other studies assigned toxicity category IV), the Agency does not require Precautionary Statements or First Aid statements for 4822-576

4. EFFICACY:

A. The proposed label claims that the product, Petrie, is an effective "one-step" disinfectant against the following microorganisms on hard, non-porous surfaces for a 7-minute contact time:

- Escherichia coli*
- Methicillin Resistant *Staphylococcus aureus*
- Salmonella enterica*
- Staphylococcus aureus*
- Vancomycin Resistant *Enterococcus faecalis*
- H1N1 (Influenza A) virus

These claims are **acceptable** as they are supported by the submitted data.

B. The proposed label claims that the product, Petrie, is an effective "one-step" sanitizer against the following microorganisms on hard, non-porous, non-food contact surfaces for a 30-second contact time:

- Escherichia coli*
- Salmonella enterica*
- Staphylococcus aureus*
- Klebsiella pneumoniae*

These claims are **acceptable** as they are supported by the submitted data.

C. The proposed label claims that the product, Petrie, is an effective mildewstat against *Aspergillus niger* on hard, non-porous surfaces. This claim is **acceptable** as it is supported by the submitted data

Page 3

EPA Reg. No. 4822-576

D. The applicant must make the following revisions to the proposed label:

- On pages 1 and 2 of the proposed label, **delete the parentheses from adjectives** in the list of Surface Descriptors, such as "(sealed)" and "(glazed)." **These adjectives are not optional as their inclusion ensures that the surface to be treated is non-porous.**
- On page 2 of the proposed label, change "**granite**" to read "**sealed granite.**" **Granite is a porous surface.**
- On page 2 of the proposed label, change "**wood**" to read "**painted wood**" or "**finished wood.**" **Wood is a porous surface.**
- On page 3 of the proposed label, under Scent Descriptors, change "**Orange Peel**" to read "**Orange Peel.**"
- **Add ATCC numbers for all listed microorganisms**

E. The applicant must make the following revision to the Data Matrix:

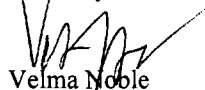
- On page 3 for the second AOAC Germicidal Spray Method study, change "**1078**" to read "**10708.**"

CONCLUSION:

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

A stamped copy of the label is enclosed for your records. Submit one (1) copy of your final printed labeling prior to release of this product for shipment. If you have any questions concerning this letter, please contact Velma Nobel at (703) 308-6233.

Sincerely,



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

Enclosures: Stamped Label

PETRIE

Active Ingredients (:)

n-Alkyl (60% C <sub>14</sub> , 30% C <sub>16</sub> , 5% C <sub>12</sub> , 5% C <sub>18</sub> ) dimethyl benzyl ammonium chlorides .....	0.0125%
n-Alkyl (68% C <sub>12</sub> , 32% C <sub>14</sub> ) dimethyl ethylbenzyl ammonium chlorides .....	0.0125%
Other ingredients (:)	99.9750%
TOTAL .....	100.0000%

KEEP OUT OF REACH OF CHILDREN

Net Contents: 1 – 128 FL OZ.

(SC Johnson, A Family Company [logo])

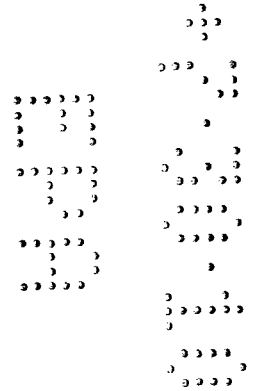
[Product Descriptors:]

- All Purpose Cleaner
- Antibacterial Cleaner
- Bactericide<sup>†</sup>
- Bactericidal<sup>†</sup> Cleaner
- (One-Step) Disinfectant
- Disinfectant
- Everyday Cleaner
- Fungistatic<sup>†††</sup>
- Germicide
- Germicidal Cleaner
- Mildewstatic
- Multi-Surface Cleaner
- Multi-Purpose Cleaner
- (One Step) Sanitizer
- Sanitizer
- Virucide<sup>††</sup>
- Virucidal<sup>††</sup> Cleaner
- Bathroom Cleaner
- Kitchen Cleaner
- Living Room Cleaner
- Family Room Cleaner
- Dining Room Cleaner
- Bedroom Cleaner

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

DEC 20 2010

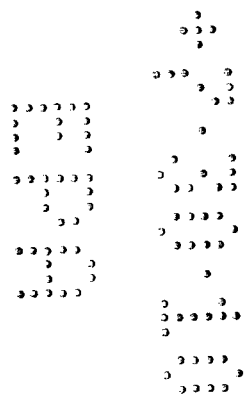
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act, as  
amended, for the pesticide,  
registered under EPA Reg. No. 4822-576



[Surface Descriptors:]

- acrylic
- appliances - exterior surface(s)
- around toilet area(s)
- barbeques grill(s) (Use on exterior surfaces use only) (when surface is cool)
- bathroom(s)
- bathroom surfaces
- basins
- bicycles
- bikes
- cabinets
- chrome
- chrome fixture(s)

- cook top exterior surface(s)
- Corian®
- countertop(s)
- dashboard(s)
- diaper pail(s)
- doorknobs
- electronics
- environmental surfaces
- (sealed) fiberglass
- fixtures
- Formica®
- freezer - exterior surface(s)
- garbage can(s)
- glass
- glazed bathroom tile(s)
- glazed ceramic tile(s)
- granite
- grill(s) - exterior surface(s) (use only when surface is cool)
- hard surfaces
- hard, non-porous surfaces
- high chair(s)
- hubcaps
- household surfaces
- linoleum (floors)
- microwave - exterior surface
- microwave oven(s) - exterior surface(s)
- mirrors
- no-wax floor(s)
- non-porous
- oven - exterior surface(s)
- pet area(s)
- polystyrene
- (glazed) porcelain
- (glazed) porcelain surface(s)
- plastic (ABS) (abs)
- refrigerator - exterior surface(s)
- shower(s)
- shower door(s)
- shower stall(s)
- sink(s)
- stainless steel
- stovetop(s)
- (sealed) synthetic marble
- tires
- toilets - exterior surfaces)(tubs (and) (glazed (ceramic) tile)
- tub(s)
- vinyl
- vinyl floor(s)
- vinyl siding
- wall(s)
- wood
- wood laminate

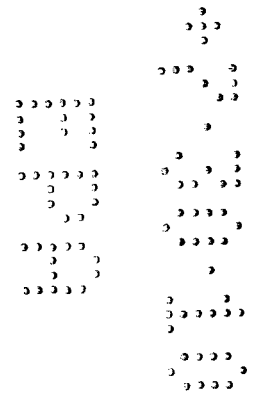


**[Scent Descriptors:]**

- Citrus (Scent) (Fragrance)
- Citrus Fresh (Scent) (Fragrance)
- Citrus Mist (Scent) (Fragrance)
- (Glade®) Sparkling Sunfruit (Scent) (Fragrance)
- (Glade®) Refreshing Citrus (Scent) (Fragrance)
- Citrus Blossom (Scent) (Fragrance)
- Orange (Scent) (Fragrance)
- Orange Peel (Scent) (Fragrance)
- Orange Grove (Scent) (Fragrance)
- Orange Blossom (Scent) (Fragrance)
- Orange Clean (Scent) (Fragrance)

**[Use Site Descriptors:]**

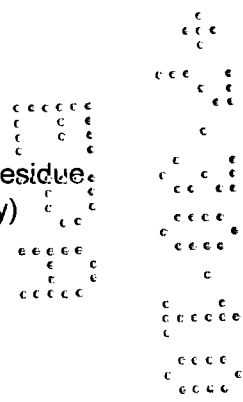
- Automotive Repair
- Automotive Shops
- Bathroom(s) (Surfaces)
- Bedroom(s)
- Churches, Synagogues, Religious Organizations
- Concession Stands
- Contractor Shops
- Convenience Stores
- Daycare (Centers) (Facilities)
- Dining Room(s)
- Family Room(s)
- Garages
- Home (Surfaces)
- Household (Surfaces)
- Janitorial Services
- Kitchen(s) (Surfaces)
- Living Room(s)
- Maintenance Shops
- Offices
- Pet Stores
- Retail Stores
- Professional Offices
- Schools



**[Claims:]**

- By (From the makers of) [SC Johnson Brand Name]
- Bonus (Multi-) (Special) (Mega) (Value) Pack
- New [Note to Reviewer: "New" To be used for the first 6 months the product is marketed.]
- New (Better) and Improved (Scent) (Formula) (Fragrance) (Size)
- Trial Size (Available)
- X% (More) Free [where X is any number between 1 and 100]
- X oz (More) Free [where X is any number between 1 and 128]
- X oz at the X oz price [where X is any number between 1 and 128]
- Produced with more than 30% renewable energy
- Guaranteed to clean or your money back (see back panel)
- (Contains) no phosphates
- Do not use on LCD (and) (plasma) TV monitors (televisions) (TV's)
- (Now) With Glade® [scent descriptor]
- (Pledge) (With) Glade Tough Odor Solutions

- Helps prevent (or) (reduces) cross-contamination of treated (hard, non-porous) surfaces
  - Use this product ([Product Name]) throughout your home on (household) surfaces (including glass)
  - ([Product Name]) Effectively removes everyday soils on [surface descriptor(s)]
  - Use in the [site descriptor(s)] and throughout (all around) the whole house (your home) (your house)
  - Use throughout [site descriptor(s)]
  - Use throughout the (your) home (house)
  - Versatile cleaner can be used throughout (all around) the whole house (your home) (your house)
  - Won't (Will not) harm (most) (nearly all) (virtually any) surfaces
  - A fast (and) (easy) way to clean your house
  - Passes the finger swipe test
  - No oily (or) (greasy) (or) (dull) (or) (smeary) residue
  - (Pledge) Everyday Clean(er)
  - (Pledge) Total Clean(er)
  - Multi-Purpose (Cleaner)
  - Multi-Shine (Cleaner)
  - Multi-Surface (Cleaner)
  - No abrasives (or) (phosphates)
  - No visible ( or oily) (or smeary) residue (build up)
  - No-scratch formula
  - Leaves a (brilliant shine) (and a) fresh (clean) scent
  - Leaves a (brilliant ) shine
  - Leaves no (less) visible (or) (greasy) (or) (gritty) (or) (oily) (or) (smeary) residue
  - Leaves [site descriptor(s)] [surface descriptor(s)] clean and shining (shiny)
  - Easy to use
  - Fast, easy cleaning solution (–one product for a variety of surfaces)
  - For the entire house (home) (household)
  - [scent descriptor] scent (fragrance) (deodorizer)
  - Leaves your [use site descriptor(s)] smelling fresh
  - Deodorizes
  - Deodorizer
  - Complete clean
  - Cleans almost (nearly) (virtually) everything in your home
  - Cleans almost (nearly) (virtually) any hard surfaces in your home (safely and effectively)
  - Cleans and shines (without scratching)
  - For use in (Cleans) (For cleaning) homes (and small businesses) (such as [insert use site descriptor(s)])
  - This product ([Product Name]) is a (an) [insert product descriptor(s)]
  - Exterior Surfaces of (kitchen) appliances (such as [surface descriptor(s)])
  - Use On [surface descriptor(s)]
  - Eliminates (the source of) odors on (environmental) (household) surfaces (in the home)
- 
- Antibacterial Action
  - Antibacterial cleaner that cleans almost (nearly) (virtually) any surface without harming it
  - Antibacterial cleaner that cleans almost (nearly) (virtually) everything without the risk of (damage) (damaging it)



- Antibacterial cleaner that you can take almost (nearly) (virtually) everywhere without fear of damage
- [*Product Name*] is an effective (and) (versatile) cleaner that kills (household) germs, and cleans (household) surfaces (even glass) to a sparkling, shine
- Shines plus (and) kills (household) germs
- Now kills (household) germs
- For the dirt you can see and the (household) germs you can't
- Deodorizes by killing the (household) germs that cause odors
- Kills (household) germs and leaves a nice (clean) (fresh) (smell) scent

- (Now) kills bacteria<sup>†</sup>
- Kills (household) germs (and) (bacteria<sup>†</sup>) on (environmental) (household) surfaces
- ([*Product Name*]) Kills (household) (germs) (and) (bacteria<sup>†</sup>) on [*Surface Descriptor(s)*] throughout your home (and in public places)
- Kills (99.9% of) bacteria<sup>†</sup> (as it cleans)
- (Sanitizes) (Kills 99.9% of bacteria<sup>†</sup>) as (it) (you) clean(s)
- ([*Product Name*]) Kills 99.9% of (household) (germs) (and) (bacteria<sup>†</sup>), on [*surface descriptor (s)*] throughout your home (and in public)
- Disinfects (and deodorizes) by killing common germs (and controlling their odors)

- Kills common (household) (germs) (bacteria<sup>†</sup>) (and) viruses<sup>††</sup>
- Kills the flu virus<sup>††</sup>
- Kills household germs (and) (bacteria<sup>†</sup>) (and) (viruses<sup>††</sup>) without heavy fumes
- Disinfects (eliminates) household germs (bacteria<sup>†</sup>) (viruses<sup>††</sup>) (as it cleans) (as you clean)
- Effective on (Cleans) (shines) (disinfects) (sanitizes) (inhibits mold<sup>†††</sup> and mildew) (and) (deodorizes) surfaces such as: [*insert surface descriptor(s)*]
- Kills (99.9% of) Viruses<sup>††</sup>
- [*Product Name*] is an effective, versatile cleaner that kills (household) viruses<sup>††</sup> (on [*surface descriptor*])
- ([*Product Name*]) Kills (99.9% of) viruses<sup>††</sup> on [*surface descriptor*]
- ([*Product Name*]) Kills (99.9% of) household viruses<sup>††</sup> on [*surface descriptor*] (throughout) (in) [*use site descriptor*]
- Kills the viruses<sup>††</sup> that cause the flu (Influenza A) (H1N1)
- ([*Product Name*]) kills (the) (Pandemic) H1N1 (influenza A) virus<sup>††</sup> (formerly called swine flu)
- [*Product Name*] is an effective, versatile cleaner that kills (eliminates) (household) germs (and) (bacteria<sup>†</sup>) (and) (viruses<sup>††</sup>) on [*surface descriptor(s)*]

- Cleans and kills (household) germs (and disinfects) (without leaving a visible (smear) residue)
- (Thoroughly) Cleans, shines and disinfects (sanitizes)
- One step cleaner (and) (sanitizer) (disinfectant)
- Makes (everyday) cleaning (and) (disinfecting) easy
- Cleans, shines, disinfects, deodorizes
- Disinfects and deodorizes
- Disinfects (as it cleans) (as you clean)
- Cleans (and) disinfects in one step
- 2 in 1 (Household) (Cleaner) (Sanitizer) (and) (Disinfectant)
- Multi-purpose (disinfectant) (antibacterial) spray (for) (hard, non-porous) (surfaces)
- [*Product Name*] Disinfects (Environmental) (Household) (hard, non-porous) surfaces



- [Product Name] will (also) (effectively) prevent(s) (inhibit)(s) (the growth of) mold<sup>†††</sup> and mildew (and their odors)
- Prevents (inhibits) (the growth of) mold<sup>†††</sup> and mildew (and their odors) (on surfaces in your home) (and in public places)
- Helps prevent (inhibit) (the growth of) mold<sup>†††</sup> and mildew (and their odors)
- Prevents (smelly) (mold and<sup>†††</sup>) mildew that (can) grow(s) in (even the cleanest) homes
- Prevents (inhibits) the growth of mold<sup>†††</sup> and mildew

- Kills in seconds
- 30 Second Sanitization
- Kills (99.9%) (of bacteria<sup>†</sup>) in 30 seconds
- Works (in 30 seconds) to kill 99.9% of (household) (bacteria<sup>†</sup>)
- Fast acting sanitizer kills bacteria<sup>†</sup> in 30 seconds
- Kills 99.9% of (household) bacteria<sup>†</sup> (fast) (in 30 seconds)
- Kills (household) bacteria<sup>†</sup> (fast) on (environmental) (household) surfaces (30 seconds)
- Kills (household) bacteria<sup>†</sup> in seconds
- [Product Name] is an effective, versatile cleaner that sanitizes (in 30 seconds on) [surface descriptor(s)]
- ([Product Name]) Kills 99.9% of (household) bacteria<sup>†</sup> on [surface descriptor(s)] throughout your home (and in public places) (in) (30 seconds)

- Kills (household) (germs) (and) (bacteria<sup>†</sup>) in (7 minutes) (less than 10 minutes)
- Kills (household) (germs) (and) (bacteria<sup>†</sup>) on (environmental) (household) surfaces
- Works (in 7 minutes) (in less than 10 minutes) to Kill (more than) (greater than) (>) 99.9% of (household) (germs) (bacteria<sup>†</sup>)
- ([Product Name]) Kills (99.9% of) viruses<sup>††</sup> in (7 minutes) (less than 10 minutes)
- ([Product Name]) Kills (99.9% of) common (household) viruses<sup>††</sup> (in 7 minutes) (in less than 10 minutes)

[note to reviewer: organisms associated with sanitizer and/or disinfecting claims:]

- † *Staphylococcus aureus* (Staph)
- † *Salmonella enterica* (Salmonella)
- † *Escherichia coli* (E. coli)

[note to reviewer: organisms associated with sanitizer claims only:]

- † *Klebsiella pneumoniae* (K. pneumoniae)

[note to reviewer: organisms associated with disinfectant claims only:]

- † Methicillin Resistant *Staphylococcus aureus* (MRSA)(ATCC 33592)
- † Vancomycin Resistant *Enterococcus faecalis* (VRE)(ATCC 51575)

†† (Pandemic) H1N1 (influenza A) virus (formerly called swine flu)

††† *Aspergillus niger*

**DIRECTIONS FOR USE:**

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

**GENERAL (HOUSEHOLD) (KITCHEN) (BATHROOM) (LIVING ROOM) (FAMILY ROOM) (BEDROOM) (FLOOR) CLEANING (TO CLEAN):**

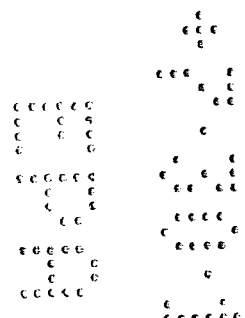
- (1.) Turn cap TWO CLICKS counterclockwise to unlock.
- (2.) To spray, press down on textured indentation on the back side of cap.
- (3.) Hold can upright and spray about eight inches from surface. [See picture at (right) (left).]
- (4.) Wipe with soft clean cloth for best results.
- (5.) If using on electronic equipment, spray product directly onto cloth then dust as usual.

**TO SANITIZE (AND DEODORIZE) HARD, NON-POROUS SURFACES:** Spray until thoroughly wet. Let stand 30 seconds. Then wipe. For heavily soiled areas or surfaces, a precleaning is required.

**TO DISINFECT (AND DEODORIZE) HARD, NON-POROUS SURFACES:** Spray until thoroughly wet. Allow surface to remain wet for 7 minutes. Then wipe. For heavily soiled areas or surfaces, a precleaning is required.

**TO INHIBIT MOLD AND MILDEW ON HARD, NON-POROUS SURFACES:** Preclean first. Spray until thoroughly wet. Allow surface to remain wet for 7 minutes. Then wipe. Reapply at weekly intervals.

Not for use on food contact surfaces.  
 Note: Unplug electrical appliances before using.  
 Not suitable for unsealed wood, marble or granite surfaces.  
 Spot test all other surfaces in an inconspicuous area.



**STORAGE AND DISPOSAL**

*[Residential]*

**STORAGE:** Store in a cool, dry place away from heat or flame.  
**DISPOSAL:** This container may be recycled (in the few but) (growing number of communities) where aerosol can recycling is available. Before offering for recycling, empty the can by using the product according to the label. (DO NOT INCINERATE OR PUNCTURE.) If recycling is not available, discard empty container in trash.

*[Commercial, Industrial, Institutional]*

Do not contaminate water, food, or feed by storage and disposal.  
**Pesticide Storage:** Store in original container in areas inaccessible to children or persons unfamiliar with its use.  
**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 container. Offer for recycling or reconditioning, if available. If not, discard in the trash.

**PHYSICAL OR 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 (54 °C) may cause bursting.

Questions? Comments? Call 800-558-5252 or Write Helen Johnson  
Sold by: ©(2010)  
S.C. Johnson & Son, Inc., Racine, WI 53403-2236 All Rights Reserved, A Family Company  
Visit our website at: [www.scjohnson.com](http://www.scjohnson.com), [www.pledge.com](http://www.pledge.com)  
EPA Reg. No. 4822-XXX; EPA Est. No. (4822-WI-1), (71681-IL-1), (71681-IL-2)

[a recycling graphics symbol may be used if label space allows.]

[CFC graphic and language may be used if space allows:]



FEDERAL REGULATIONS  
PROHIBIT CFC PROPELLANTS  
IN AEROSOLS

