# UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, DC 20460

JAN 2 8 2010

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

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Mr. Ronald T. Cook Spartan Chemical Company, Inc. 1110 Spartan Drive Maumee, Ohio 43537

Subject:

PSQ Disinfectant Cleaner

EPA Registration Number: 5741-16 Application Date: October 26, 2009 Receipt Date: November 2, 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 and other minor formatting revisions.

## **Conditions**

Revise the label as follows:

- 1.) Revise the claim "For Institutional and Industrial Only" on page 1 to read "For Institutional, and Industrial Use."
- 2.) The last statement in the paragraph on page 2 must be brought into compliance with PR Notice 2000-5, Mandatory Labeling, by deleting the term, recommended.
- 3.) Revise the 6<sup>th</sup> statement under the "Precautionary Statements" on page 3 to read "Wash thoroughly with soap and water after handling and before eating, drinking, smoking tobacco, chewing gum, or using the toilet."
- 4.) Revise the first statement under Environmental Hazards section on page 5 to be in agreement with the ADBAC and DDAC REDs by adding the statement, "This product is toxic to fish and aquatic invertebrates."

DATE										
SURNAME	d as follows:									
<b>сумво</b> циі	ment and use	d to disinfect	hard surfaces	. Therefore, i	evise the "Co	ntainer Dispo	sal" instruction	ns		
We are concerned that the efficacy will be comforcured into the application										
	5.) The Agency has concerns regarding the Container Rule rinsate statement for public health products									

## (5 gallons or less)

Nonrefillable Container. Do not refill or reuse container. Triple rinse as follows: Fill container ¼ full with water and recap. Shake for 10 seconds. Drain for 10 seconds after the flow begins to drip. Follow Pesticide Disposal instructions for rinsate disposal Repeat procedure two more times. Then offer for recycling or reconditioning. If not available, puncture and dispose in a sanitary landfill.

# (5 gallons or more)

Nonrefillable Container. Do not refill or reuse container. Triple rinse as follows: Fill container ¼ 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 onto its other end and tip it back and forth several times. Follow Pesticide Disposal instructions for rinsate disposal. Repeat this procedure two more times. Then offer for recycling or reconditioning. If not available, puncture and dispose in a sanitary landfill.

#### **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-<u>mcfarlane.jacquelline@epa.gov</u> or Velma Noble by telephone at (703) 308-6233 or by email at noble.velma@epa.gov.

Sincerely,

Velma Noble

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

Enclosure: Stamped label

CONCURRENCES											
SYMBOL )		•					• ••••				
SURNAME											
DATE		***************************************									
EPA Form 1320-1A (1/90)		Printed on Recycled Paper					OFFICIAL FILE COPY				

EPA Form 1320-1A (1/90)

Printed on Recycled Paper

Revised 10/23/2009

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## Front Label Copy:

Block "S" logo

**PSQ** 

Disinfectant Cleaner

The Activity of a Quat Combined with the Fragrance of Pine Oil.

Bactericide/\*Fungicide/Deodorizer Inhibits Mold and Mildew

**ACTIVE INGREDIENTS:** 

Alkyl (C<sub>14</sub>-50%, C<sub>12</sub>-40%, C<sub>16</sub>-10%) dimethyl benzyl ammonium chlorides..... 1.30% Octyl decyl dimethyl ammonium chloride...... 0.90% Dioctyl dimethyl ammonium chloride..... 0.45% Didecyl dimethyl ammonium chloride..... 0.45% INERT INGREDIENTS: ..... 96.90%

Total

100.00%

E.P.A. Reg. No. 5741-16 E.P.A. Est. No. 5741-OH-1

ACCEPTED with COMMENTS in EPA Letter Dated: JAN 28 2010

Inder the Federal Insecticide, Fungicide, and Rodenticide Act a: amended, for the pesticide, registered under EPA Reg. No

5741-16

# KEEP OUT OF REACH OF CHILDREN **DANGER**

See back panel for additional precautionary statements and first aid statements

#### FOR INSTITUTIONAL AND INDUSTRIAL USE ONLY

Spartan Chemical Company, Inc. 1110 Spartan Drive, Maumee, Ohio 43537

#### **NET CONTENTS:**

PSQ Disinfectant Cl. Jer EPA Reg. No. 5741-16 Spartan Chemical Company, Inc.

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# Back Label Copy:

## **PSQ**

Disinfectant Cleaner

PSQ's special formulation provides the "bloom" and fragrance of pine oil with the broad spectrum bactericidal activity of quaternaries. A proven one-step cleaner/disinfectant in the presence of moderate amounts of organic soil, PSQ may be used to clean, disinfect and deodorize floors, walls, sinks and other similar hard, nonporous surfaces made of metal, stainless steel, glazed porcelain, glazed ceramic tile and plastic. Used as directed, PSQ is effective against Trichophyton mentagrophytes, the athlete's foot fungus. PSQ is especially recommended for use in garbage pails, bathrooms, locker rooms and other areas which are difficult to keep fresh smelling.

Effective against the following microorganisms:

- Staphylococcus aureus
- Pseudomonas aeruginosa
- Salmonella enterica
- Trichophyton mentagrophytes
- Inhibits Mold and Mildew (Aspergillus niger)

PSQ may be used in hotels, motels, hospitals, office buildings, restaurants...any commercial, institutional or industrial building.

#### **Directions for Use:**

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

This product is not to be used as a terminal sterilant/high-level disinfectant on any surface or instrument that (1) is introduced directly into the human body either into or in contact with the bloodstream or normally sterile areas of the body, or (2) contacts intact mucous membranes but which does not ordinarily penetrate the blood barrier or otherwise enter normally sterile areas of the body. This product may be used to preclean or decontaminate critical or semi-critical medical devices prior to sterilization or high level disinfection.

## **DISINFECTION:**

For one-step cleaning and disinfecting of walls, floors and other hard non-porous surfaces, use PSQ at 2 oz. per gallon of water. Apply solution with a cloth, mop or sponge making sure to wet all surfaces completely. Treated surface must remain wet for 10 minutes. Rinse treated surface with water or wipe off with a wet cloth. For food contact surfaces such as tables and counters, rinse with potable water. Do not use on utensils, glasses, plates or silverware. Prepare fresh solution for each application. Preliminary cleaning is required for heavily soiled surfaces.

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\*FUNGICIDAL ACTIVITY: To kill the pathogenic fungi Trichophyton mentagrophytes on pre-cleaned hard, nonporous inanimate surfaces in bathrooms, shower stalls and locker rooms: use PSQ at 2 oz. per gallon of water. Apply solution with a cloth, mop or sponge making sure to wet all surfaces completely. Treated surface must remain wet for 10 minutes. Rinse treated surface with water or wipe off with a wet cloth. Prepare fresh solution for each application.

MOLD AND MILDEW: To control mold and mildew (such as Aspergillus niger) and the odors they cause on pre-cleaned hard, nonporous inanimate surfaces, add 2 ounces of this product per gallon of water. Apply solution with a cloth, mop or sponge making sure to wet all surfaces completely. Let air dry. Prepare fresh solution for each application. Repeat application at weekly intervals or when mildew growth appears.

CLEANING AND DEODORIZATION: Apply PSQ at 2-8 oz. per gallon of water to soiled surface with a cloth, mop or sponge making sure to wet all surfaces completely. Scrub surface as necessary to remove soil. Rinse surface with water or wipe off with a wet cloth.

Note: Some types of vinyl wallpaper may be discolored by extended contact with PSQ. If applied to vinyl wallpaper, remove product residue by rinsing with water or wiping with a wet cloth.

#### PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals **DANGER** 

Corrosive. Causes irreversible eye damage and skin burns. Harmful if absorbed through the skin or swallowed. Do not get in eyes, skin or on clothing. Wear protective eye wear (goggles/face shield/safety glasses) and rubber gloves and protective clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

(Note to EPA: the following text will be used on 5 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.

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## 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: 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.

If swallowed: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

## 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 PHYSICIAN

Probable mucosal damage may contraindicate the use of gastric lavage.

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

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

Container Disposal: Nonrefillable container. Do not reuse or refill this container. Offer for recyling 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 ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain 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: Pesticide wastes may be hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Container Disposal: Nonrefillable container. Do not reuse or refill this container. Offer for recyling 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 ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 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