

MAR - 1 2006

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

Subject: PSQ Disinfectant Cleaner  
EPA Registration No.: 5741-16  
Amendment Date: December 15, 2005  
EPA Receipt Date: December 16, 2005

Dear Mr. Cook,

The following amendment submitted in connection with registration under FIFRA, as amended, is acceptable with conditions:

- Remove Pine Oil as an active ingredient

**Conditions**

Revise the label as follows:

1. Since Pine Oil is no longer an active ingredient in this formulation, you must revise the claim, "The Activity of a Quat combined with the essence of Pine Oil" to read "The activity of a Quat combined with the fragrance of Pine Oil."
2. Since your product may be used in restaurants and other commercial, institutional, or industrial settings that have food contact surfaces, you must revise the "disinfection directions by adding the statements, "For food contact surfaces such as tables and counters, rinse with potable water. Do not use on utensils, glasses, plates, or silverware."
3. Under "Fungicidal Activity," delete the phrase, "such as," because *Trichophyton mentagrophytes* is the only pathogenic fungi currently recognized by the Agency.
4. Since this product is sold one gallon containers, the "Storage and Disposal" statements must be revised to read "Open dumping is prohibited. Store in original container in an area inaccessible to children and persons unfamiliar with its use. Wrap container and discard in the trash."

**CONCURRENCES**

<b>SYMBOL</b>							
<b>SURNAME</b>							
<b>DATE</b>							


**General Comments**

The Confidential Statement of Formula dated December 14, 2005 is acceptable. It is in compliance with PR Notice 91-2 and in agreement with the label.

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

Should you have any questions or comments concerning this letter, please contact Jacqueline McFarlane at (703) 308-6416.

Sincerely,



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

Enclosure: Chemistry Data Evaluation  
 Stamped Label

**CONCURRENCES**

CONCURRENCES							
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# PSQ<sup>®</sup>

## Disinfectant Cleaner

**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%
<b>INERT INGREDIENTS:</b> .....	96.90%
<b>Total:</b> .....	100.00%

EPA Reg. No. 5741-16  
EPA Est. No. 5741-011-1  
**ACCEPTED**  
with COMMENTS

MAR 1 2006

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No. 5741-16

**The Activity of a Quat Combined  
with the Essence of Pine Oil.**  
Bactericide/Fungicide\*/Deodorizer  
Inhibits Mold and Mildew

**KEEP OUT OF REACH OF CHILDREN  
DANGER**

See side panel for additional precautionary statements.

FOR INSTITUTIONAL AND INDUSTRIAL USE ONLY  
Spartan Chemical Company, Inc., 1110 Spartan Drive, Maumee, OH 43537  
#1060 NET CONTENTS: 1 U.S. Gallon / 3.79 Liters

# 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 choleraesuis
- 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 pre-clean 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 nonporous 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. Prepare fresh solution for each application. Preliminary cleaning is required for heavily soiled surfaces.

\***FUNGICIDAL ACTIVITY:** To kill

pathogenic fungi such as 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.

#### **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: 888-314-8171**

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.

#### **STORAGE AND DISPOSAL**

Do not contaminate water, food or feed by storage or disposal. open dumping is prohibited. Do not reuse empty container. Wrap container and put in trash.

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