

11-25-82

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PRODUCT CATEGORY: Disinfectants  
COLOR: UNCOLORED

PSQ LITERATURE COPY

Front Side

Block "S" logo

PSQ  
Pine-Scented Disinfectant

PSQ is a disinfectant cleaner formulated to provide the broad spectrum bactericidal activity of quaternaries with the "bloom" and fragrance of nature's pine scent.

Effective Cleaner:

PSQ is a tough performance cleaner. Its quick penetration and emulsification of dry and greasy soils make it an excellent general purpose cleaner for a variety of surfaces.

Broad Spectrum Disinfectant:

PSQ is a proven one-step cleaner-disinfectant. PSQ kills pathogenic bacteria and other germs commonly found in bathrooms, lockerrooms, trash compactors and garbage pails.

Deodorizes:

PSQ destroys bacteria and the unpleasant odors they produce -- leaving a fresh, light pine fragrance.

Inhibits Mold and Mildew:

PSQ kills fungi and prevents the growth of mold and mildew.

- Staphylocidal
- Pseudomonocidal
- Salmonellacidal
- Fungicidal

Backside Copy

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, non-porous surfaces. 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.

- Staphylocidal
- Pseudomonocidal
- Salmonellacidal
- Fungicidal
- Inhibits Mold and Mildew

Directions for Use:

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

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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 with a mop, cloth or spray device.

\*FUNGICIDAL ACTIVITY: Apply PSQ at 2 oz. per gallon of water to pre-cleaned surfaces with a mop, cloth or spray device.

Treated surfaces must remain wet for 10 minutes. Prepare fresh solution for each application. For heavy-soiled surfaces, a preliminary cleaning is required.

MOLD AND MILDEW: When used as directed, PSQ removes mold and mildew stains and odor. To control their growth, apply PSQ at 2 oz. per gallon as directed above. Do not rinse. Repeat application as necessary to maintain control.

SPECIFICATION DATA:

ACTIVE INGREDIENTS:

Alkyl (C<sub>14</sub> - 50%, C<sub>12</sub> - 40%, C<sub>16</sub> - 10%) . . . . . 1.30%

dimethyl benzyl ammonium chlorides . . . . . 1.00%

Pine oil . . . . . 0.90%

Octyl decyl dimethyl ammonium chloride . . . . . 0.45%

Diocetyl dimethyl ammonium chloride . . . . . 0.45%

Didecyl dimethyl ammonium chloride . . . . . 95.90%

INERT INGREDIENTS: . . . . . 95.90%

Specific Gravity -- 1.037 @ 24°C/75°F

pH (Concentrate) -- 11.0-11.2

Form -- Liquid

Color -- Green

Viscosity -- None

Miscibility -- Completely miscible in all proportions with hot or cold water.

Stability --

a. Shelf @ 24°C/75°F -- one year minimum

b. Freeze/Thaw -- Freezes and thaws with perfect clarity.

Will not reduce the effectiveness of conductive flooring -- initial reading 250,000 ohm -- final reading after six washes 250,000 ohms.

Acute Oral Toxicity -- 8.6 ml/kg for albino rats.

PSQ is a bactericide:

PSQ is a proven one-step cleaner-disinfectant when tested at 2 oz. per gallon of water according to the AOAC Use-Dilution Test modified per E.P.A.'s DIS/TSS-2 for organic soil load.

Tests run with 5% Blood Serum						
Staphylococcus aureus ATCC 6538		Salmonella choleraesuis ATCC 10708		Pseudomonas aeruginosa ATCC 15 44:		
PSQ at 1:64	Tubes Tested	Tubes Showing Growth	Tubes Tested	Tubes Showing Growth	Tubes Tested	Tubes Showing Growth
Sample A	60	0	60	0	60	0
Sample B	60	0	60	0	60	0

Conclusion: PSQ is an effective bactericide at 2 oz. per gallon of water.

PSQ is a fungicide:

When applied at 2 oz. per gallon to a precleaned surface, PSQ has been shown to be effective against the pathogenic fungus which causes athlete's foot, Trichophyton mentagrophytes. Test method: AOAC Fungicidal Test Par. 4.018-4.022.

PSQ	Organism Trichophyton mentagrophytes ATCC 9533		
Sample dilution	5 minutes	10 minutes	15 minutes
1:48	-	-	-
1:58	+	-	-
1:64	+	-	-
1:77	+	-	-
1:85	+	-	-
Phenol Resistance	1:60	+ = growth	- = no growth

Conclusion: PSQ kills athlete's foot fungus at 2 oz. per gallon.

PSQ is fungistatic:

Results of the activity of PSQ when run according to the EPA Hard Surface Mildew Fungistatic Test Method show that PSQ used at 2 oz. per gallon inhibits the growth of mold and mildew.

Only for Sale to, Use and Storage by Servicepersons

Packaging:

Spartan's PSQ is available in attractive lithographed 55, 30 and 15-gallon drums. Label copy is provided in both English and Spanish.

PRECAUTIONARY STATEMENTS

Hazard to Human and Domestic Animals

DANGER

Keep out of reach of children. Causes eye damage and skin irritation. Do not get in eyes, skin or on clothing. Harmful if swallowed. Wear goggles or face shield and rubber gloves when handling.

STATEMENT OF PRACTICAL TREATMENT

In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. For eyes call a physician. Remove and wash all contaminated clothing before reuse. If swallowed, drink milk, egg white, gelatin solution, or if these are not available, drink large quantities of water. Call a physician.

NOTE TO PHYSICIAN

Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.

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Guarantee:

Spartan's modern manufacturing and laboratory control insure uniform quality. All products manufactured by Spartan Chemical Co., Inc. are unconditionally guaranteed when used as directed. Any unused portion may be returned for credit.

ISSA logo

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Spartan Chemical Co., Inc.  
110 N. Westwood Ave.  
Toledo, Ohio 43607

Distributed by:

ACCEPTED  
MOR  
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<p>U.S. ENVIRONMENTAL PROTECTION AGENCY          OFFICE OF PESTICIDE REGISTRATION          WASHINGTON, D.C. 20460</p> <p><b>NOTICE OF PESTICIDE</b>          Registration Number: <i>16 MA</i></p>	<p>SEARCHED INDEXED          SERIALIZED FILED          MAR 16 1977          FEDERAL BUREAU OF INVESTIGATION          U.S. DEPARTMENT OF JUSTICE</p>
<p>NAME AND ADDRESS OF REGISTRANT: <i>16 MA</i></p>	
<p><b>NOTE:</b> Changes in labeling, formula, formula 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 U.S. EPA registration number.</p>	
<p>On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Registered under the Federal Insecticide, Fungicide, and Rodenticide Act.</p>	
<p>A copy of the labeling accepted in connection with this Registration/Registration is returned herewith.</p>	
<p>Registration is in no way to be construed as an endorsement or approval of this product by this 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.</p>	
<p><input type="checkbox"/> ATTACHMENT AVAILABLE</p>	
<p>SIGNATURE OF APPROVING OFFICIAL</p>	<p>DATE</p>

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.

*James H. Bink*

John H. Lee  
Product Manager (31)  
Disinfectants Branch  
Registration Division (TS-767C)

Enclosure