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U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division (H7505C)  
401 "M" St., S.W.  
Washington, D.C. 20460

EPA Reg. Number:

71094-1

Date of Issuance:

NOV 15 2000

NOTICE OF PESTICIDE:

Registration  
 Reregistration

(under FIFRA, as amended)

Term of Issuance: Until Reregistration

Name of Pesticide Product:

Pro-San

Name and Address of Registrant (include ZIP Code):

Microcide, Inc.  
2209 Niagara Dr.  
Troy, MI 48083-5933

**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/reregistration 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 or other material required for registration/reregistration of your product under FIFRA sec. 3(c)(5) or FIFRA sec. 4 when the Agency requires all registrants of similar products to submit such data.

2. Make the labeling changes listed below before you release the product for shipment:

Signature of Approving Official:

Adam Heyward, Product Manager (34)  
Regulatory Management Branch II  
Antimicrobials Division (7510W)

Date:

NOV 15 2000

- a. Add the phrase, "EPA Registration No. 71094-1".
- b. Make the following precautionary statement changes

HAZARDS TO HUMANS AND DOMESTIC ANIMALS  
**DANGER**

**DANGER:** Corrosive. Causes irreversible eye damage. Do not get in eyes. Wear protective eyewear (goggles, Face shield, or safety glasses). Harmful if swallowed, absorbed through skin, or inhaled. Avoid contact with skin, eyes or clothing. Avoid breathing dust, vapor Or spray mist. Wash thoroughly with soap and water After handling. Remove contaminated clothing and wash clothing before reuse.

- c. The "First Aid" statements must be revised as follows:

**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 continues rinsing. 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 by a Poison Control Center or doctor.

You should enclosed the First Aid Statement in a box and the following statements and information near First Aid Statements:

"In case of emergency call toll tree the Emergency Response Telephone Number \_\_\_\_\_ or contact Chemtrec at 800-424-9300".

- 3. In the ingredient statement, align the active ingredient sodium dodecyl benzene sulfonate in the same left hand margin with citric acid.

4. Delete the statement "PRO-SAN complies with the requirements of 21 CFR 173.315 for FDA Fruit and Vegetable Cleaners up to a concentration of 5% in water."

5. Revise the statement "Acid cleaner, Sanitizer & Fruit Vegetable Wash Power Concentrate" to read "Acid Cleaner & Sanitizer for Food-Contact Surfaces" & "Fruit/Vegetable Wash Power Concentrate".

6. Submit an updated Confidential Statement of Formula (CSF) enter the pH of 1% on other solution in Block 6 of the CSF.

7. In the directions for use Cleaning, Step 1, remove for the instruction "or similar acid cleaner" it is misleading.

8. Please clarify the NET Contents 24 X 10.7 ounce pouches. Will this product be packaged in pouches, single ready to use pouch?

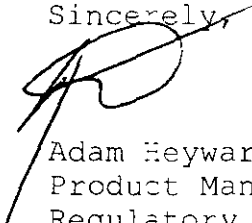
7. Each pouch must have an ingredient statement, disposal instructions of empty pouch, EPA Reg No and signal word.

Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

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.

Sincerely,



Adam Heyward  
Product Manager 34  
Regulatory Management Branch II  
Antimicrobials Division (7510W)

Enclosure

PRECAUTIONARY STATEMENTS  
HAZARD TO HUMANS AND DOMESTIC ANIMALS

**DANGER:** Causes moderate eye and skin irritation. Harmful if swallowed. Avoid contact with eyes, skin or clothing. Do not breathe dust. Wash thoroughly with soap and water after handling.

**CHEMICAL PRECAUTIONS:** An acidic product. Do not mix with bleach or chlorinated products as toxic or irritating chlorine fumes may be released.

**STORAGE AND DISPOSAL:** Do not contaminate water, food or feed by storage or disposal. Store this product in a cool, dry area. Keep container closed when not in use. Container Disposal: Triple rinse plastic container. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**DIRECTIONS FOR USE:**

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

**SANITIZING -  
FOOD PREPARATION AREAS**

For use on sinks, drain and cutting boards, counters, utensils, and salad preparation surfaces.

**CLEANING STEP:** 1. Flush surfaces with water to remove heavy soil. 2. Clean surfaces by applying a 1-2% solution of PRO-SAN or similar acid cleaner applied by brush, foam, wiping, or low pressure spray. 3. Rinse with potable water.

**SANITIZING STEP:** 1. Sanitize by applying a 1% PRO-SAN solution prepared by stirring to dissolve 1.3 ounces of sanitizer powder (37.9 gm.) in 1 gallon of water. 2. Apply sanitizer and allow to completely wet surfaces for 2 minutes or for a contact time specified by local sanitary code. 3. Drain and allow sanitized surfaces to air dry.

# PRO - SAN™

## Acid Cleaner, Sanitizer & Fruit/Vegetable Wash Powder Concentrate

U.S. Patents: 5,143,720 & 5,280,042

**ACTIVE INGREDIENTS:**

Citric Acid ..... 66.0 %  
Sodium dodecylbenzene  
sulfonate ..... 3.6%

**OTHER INGREDIENTS: \*** ..... 30.4%  
(\*Sodium acid pyrophosphate) 100.0%

KEEP OUT OF THE REACH OF CHILDREN

**DANGER:**

**FIRST AID (Practical Treatment)**

**EYES:** Flush immediately with plenty of water. If irritation persists, get medical attention.

**SKIN:** Wash with plenty of soap and water. Get medical attention if irritation persists.

**IF SWALLOWED:** Drink several glasses of water. Do Not induce vomiting. Contact a Poison Control Center or physician.

Manufactured for  
MICROCIDE, INC., Detroit, MI 48201  
Tel. 248-526-9663

Net. Contents 24 X 10.7 Ounce Pouches  
(16.02 pounds/ 7.27 Kg)

EPA Reg. No. 71094-NNR/C  
EPA Est. No. 50702-IN-1  
ACCEPTED  
WASH. COMPLETE

NOV 15 2000

## CIRCULATION CLEANING & SANITIZING OF EQUIPMENT

(Soft Ice Cream, Juice, and Vending Machines)

**CLEANING STEP:**

1. Flush system with clean, warm water.
2. Disassemble parts needing manual cleaning.
3. Prepare a 1-2% solution of PRO-SAN in water.
4. Assemble circulating parts. 5. Fill system to capacity. 6. Circulate for 5-10 minutes. 7. Drain.

**SANITIZING STEP:**

1. Sanitize by preparing a fresh solution of 1% PRO-SAN in water. 2. Fill equipment to capacity and recirculate for 2-5 minutes. 3. Drain and allow to air dry. (Used PRO-SAN solution may be reused for cleaning equipment but not for sanitizing.)

Test sanitizer solution to maintain a pH of 2.2 - 2.8. Discard sanitizer if it becomes visibly dirty or its pH increases.

## FRUIT AND VEGETABLE WASHING

1. Prepare a cleaning solution by adding PRO-SAN powder to potable (drinking) water at room temperature by stirring to dissolve 1.34 to 2.67 oz. preparing a 1% or 2% cleaning solution depending on the amount of soil present on the fruit or vegetable.

2. Immerse fruits and vegetables in cleaning solution and wash by gentle hand scrubbing with a brush, mesh pad or by mechanical agitation in a tumble washer. Repeat washing with fresh cleaning solution if needed.

3. Thoroughly rinse cleaned fruits and vegetables with potable water to remove soil, and cleaner residue. Drain excess liquid.

PRO-SAN complies with the requirements of 21 CFR 173.315 for FDA Fruit and Vegetable Cleaners up to a concentration of 5% in water.

71094-R1

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FRONT PANEL OF POUCH LABEL

# PRO - SAN®

## Cleaner, Sanitizer & Fruit/Vegetable Wash Powder Concentrate

**PRECAUTIONARY STATEMENTS :HAZARD TO HUMANS AND DOMESTIC ANIMALS.**  
See back panel for storage and disposal; additional precautionary statements and uses

U.S. Patents: 5,143,720 & 5,280,042

**ACTIVE INGREDIENTS:**

Citric Acid .....	66.0 %
Sodium dodecylbenzene sulfonate .....	3.6 %
<b>INERT INGREDIENTS.....</b>	<b>30.4 %</b>
	100.0 %

**DIRECTIONS FOR USE:**

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

**SANITIZING - FOOD PREPARATION AREAS**

For use on sinks, drain and cutting boards, counter tops, forks, knives, dishes, utensils, and salad preparation surfaces in kitchens, restaurants, other eating establishments, dairies and food processing plants.

**CLEANING STEP:** 1. Flush surfaces with water to remove heavy soil. 2. Clean surfaces by applying a 1% (one pouch/ 8 gal) - 2% (one pouch/ 4 gal) solution of PRO-SAN prepared by stirring the powder to dissolve in water or similar acid cleaner applied by brush, foam, wiping, or low-pressure spray. 3. Rinse with potable water.

**SANITIZING STEP:** 1. Sanitize by applying a 1% PRO-SAN (one pouch/ 8 gal) solution prepared by stirring to dissolve sanitizer powder in water. 2. Apply sanitizer by immersion, flooding, or spraying. Allow to completely wet surfaces for one minute or for a contact time specified by local and state sanitary code. 3. Drain and allow sanitized surfaces to air dry.

**KEEP OUT OF THE REACH OF CHILDREN  
DANGER:**

**FIRST AID (Practical Treatment)**

**EYES:** Flush immediately with plenty of water. If irritation persists, get medical attention.  
**SKIN:** Wash with plenty of soap and water. Get medical attention if irritation persists.  
**IF SWALLOWED:** Drink several glasses of water. Do Not induce vomiting. Contact a Poison Control Center or physician.

Manufactured for  
MICROCIDE, INC., Detroit, MI 48201  
Tel. 248-526-9663

Net Wt.: 0.67 pounds/ 0.3 Kg

EPA Reg. No. 71094-R  
EPA Est. No. 50702-IN-1

ACCEPTED  
WITH COMMENTS  
EPA Letter Dated:

NOV 15 2000

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

71094-R-1

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## BACK PANEL OF POUCH LABEL

## PRECAUTIONARY STATEMENTS

**DANGER:** Causes irreversible eye damage and moderate skin irritation. Harmful if swallowed. Avoid contact with eyes, skin or clothing. Do not breathe dust. Wash thoroughly with soap and water after handling.

**CHEMICAL PRECAUTIONS:** An acidic product. Do not mix with bleach or chlorinated products as toxic or irritating chlorine fumes may be released.

**STORAGE AND DISPOSAL:** Do not contaminate water, food or feed by storage or disposal. Store this product in a cool, dry area. Keep container closed when not in use. **CONTAINER DISPOSAL:** Triple rinse plastic pouch. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**DIRECTIONS FOR USE:** It is a violation of Federal Law to use this product in a manner inconsistent with it's labeling.

### CIRCULATION CLEANING & SANITIZING OF EQUIPMENT (Soft Ice Cream, Juice, and Vending Machines)

#### CLEANING STEP:

1. Flush system with clean, warm water. 2. Disassemble parts needing manual cleaning. 3. Clean using a 1% (one pouch / 8 gal) - 2% (one pouch / 4 gal) solution of PRO-SAN prepared by stirring the powder in water. 4. Assemble circulating parts. 5. Fill system to capacity. 6. Circulate for 5-10 minutes. 7. Drain.

#### SANITIZING STEP:

1. Sanitize with a fresh solution of 1% PRO-SAN prepared by stirring contents of one pouch to dissolve in 8 gallons of water. 2. Fill equipment to capacity and re-circulate for 2-5 minutes. 3. Drain and allow to air dry. (Used PRO-SAN solution may be reused for cleaning equipment but not for sanitizing).

Test sanitizer solution to maintain a pH of 2.2 - 2.8. Discard sanitizer if it becomes visibly dirty or its pH increases.

#### FRUIT AND VEGETABLE WASHING

1. Prepare a cleaning solution by adding PRO-SAN powder to potable (drinking) water at room temperature by stirring to dissolve preparing a 1% (one pouch / 8 gal) or 2% (one pouch / 4 gal) of cleaning solution. Select the concentration of the cleaning solution depending on the amount of soil present on the fruit or vegetable.

2. Immerse fruits and vegetables in cleaning solution and wash by gentle hand scrubbing with a brush, mesh pad or by mechanical agitation in a tumble washer. Repeat washing with fresh cleaning solution if needed.

3. Thoroughly rinse cleaned fruits and vegetables with potable water to remove soil, and cleaner residue. Drain excess liquid.

PRO-SAN complies with the requirements of 21 CFR 173.315 for FDA Fruit and Vegetable Cleaners up to a concentration of 5% in water. (Composition: citric acid, sodium acid pyrophosphate and sodium dodecylbenzene sulfonate).

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:  
NOV 15 2000

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No. 71094-R1