

14955-33

10-4-2000

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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:

Date of Issuance:

14955-33

OCT 0 4 2000

Term of Issuance:

Conditional

Name of Pesticide Product:

SMS Disinfectant - Sanitizer

NOTICE OF PESTICIDE:

- Registration
- Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

SMS Services, Inc.
2650-B Bradley Place
Chicago, IL 60618

Notes: 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/ reregistration 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 reregistration of your product under FIFRA section 4.

Make the following label changes:

- a. Revise the EPA Registration Number to read, "EPA Reg. No. 14955-~~31~~".
- b. Under the "Precautionary Statements", you will need to include "protective clothing" in the sentence, "Wear goggles/faceshield and rubber gloves when handling." This product is toxicity category I for primary skin irritation.
- c. Under "Storage and Disposal", the statement "Do not contaminate water, food, or feed by storage and disposal," must appear immediately after the storage/disposal heading.
- d. According to PR Notice 95-1, the Environmental Hazard Statements are required on products that are sold in containers equal or greater than 5 gallons or 50 pounds. Per your Application of Pesticide, you plan to sell this product in 5 and 55 gallon containers.

Signature of Approving Official:

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

Date:

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You will need to add the Environmental Hazard Statement to the master label as well as the labels for the 5 and 55 gallon containers. The section should have the appropriate heading as well as the following statements:

“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 EPA.”

- 2. Submit two (2) copies of the revised final printed label for the record.

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 this product constitutes acceptance of these conditions.

A stamped label is enclosed for your records. If you have any questions regarding this letter, please contact Jacqueline Campbell at (703) 308-6416.

Sincerely,



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

SMS SERVICES INC.

SMS DISINFECTANT-SANITIZER

**Disinfectant-Sanitizer, *Virucide
Mildewstat (on hard inanimate surfaces)**

ACTIVE INGREDIENTS:	
n-Alkyl (60% C ₁₄ , 30% C ₁₆ , 5% C ₁₂ , 5% C ₁₈) dimethyl benzyl ammonium chloride.....	10.0%
n-Alkyl (68% C ₁₂ , 32% C ₁₄) dimethyl ethylbenzyl ammonium chloride	10.0%
INERT INGREDIENTS	80.0%
TOTAL	100.0 %

EPA Reg No. 14955-GG

EPA Est. No. 14955-IL-01

**KEEP OUT OF REACH OF CHILDREN
DANGER
FIRST AID**

IF ON SKIN OR CLOTHING: 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 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 SWALLOWED:** Call 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 the poison control center or doctor. Do not give anything by mouth to an unconscious person.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.
See side panel for additional precautionary statements.

Manufactured By:

SMS SERVICES INC.

**For product related medical emergencies, call 1-800-535-5053.
2650-B Bradley Pl • Chicago, IL 60618 • 312-654-4900**

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 is designed specifically for hospitals, food processing plants, dairies, restaurants, bars, animal quarters, poultry and turkey farms, hatcheries, kennels and institutions where disinfection, sanitation, and deodorization is of prime importance. When used as directed, this product is formulated to disinfect pre-cleaned inanimate, hard, non-porous surfaces such as walls, floors, sink tops, tables, chairs, and telephones.

This product deodorizes those areas which generally are hard to keep fresh smelling, such as garbage storage areas, empty garbage bins and cans, pet areas and any other areas which are prone to odors caused by microorganism. In addition, this product will sanitize previously cleaned and rinsed non-porous food contact surfaces such as tanks, chopping blocks, counter tops, drinking glasses and eating utensils.

If product is packaged in packets: To open packet hold top of packet with one hand and use other hand to tear open packet across pouring spout. DO NOT use your teeth or a knife to open packet.

DEODORIZATION: To deodorize, apply this product as indicated under the heading GENERAL DISINFECTION.

MILDEWSTAT: To control mold and mildew on pre-cleaned, hard, non-porous surfaces add 1-1/2 ounces of this product per 5 gallons of water. Apply solution with a cloth, mop or sponge making sure to wet all surfaces completely. Let air dry. Prepare a fresh solution for each use. Repeat application at weekly intervals or when mildew growth appears.

GENERAL DISINFECTION: As a general disinfectant, this product is effective against *Staphylococcus aureus*, *Salmonella choleraesuis*, and *Listeria monocytogenes*. Apply 1-1/2 oz product per 5 gallons of water to disinfect pre-cleaned inanimate, hard, non-porous surfaces with a mop, cloth, sponge, or mechanical sprayer as to wet all surfaces thoroughly. Allow surfaces to remain wet for 10 minutes, then remove excess liquid. Prepare a fresh solution for each use.

HOSPITAL DISINFECTION: As a hospital disinfectant, this product is effective against *Pseudomonas aeruginosa* as well as *Staphylococcus aureus*, *Salmonella choleraesuis*, and *Listeria monocytogenes*. Apply 1-3/4 oz product per 5 gallons of water to disinfect pre-cleaned inanimate, hard, non-porous surfaces with a mop, cloth, sponge, or mechanical sprayer as to wet all surfaces thoroughly. Allow surfaces to remain wet for 10 minutes, then remove excess liquid. Prepare a fresh solution for each use.

TO DISINFECT PRE-CLEANED BARBER/BEAUTY INSTRUMENTS AND TOOLS: Thoroughly clean brushes, combs, clipper blades, shears, razors, and other hard, non-porous implements. Submerge instruments/tools in 3/4 oz. per gallon of water use solution for 10 minutes and then air dry. Prepare a fresh solution after each use.

FOR DISINFECTION OF PRE-CLEANED EQUIPMENT, AND OTHER HARD NON-POROUS SURFACES IN AND AROUND ANIMAL QUARTERS/KENNELS/FARMS OR VETERINARY HOSPITALS: Remove all animals and feed from premises and enclosures. Remove all litter/manure from floors, walls, and surfaces occupied or traversed by animals. Empty all troughs, racks, and other feeding/watering appliances. Thoroughly clean all surfaces with soap or detergent, then rinse with water. Saturate all surfaces with use solution of 1-3/4 oz per 5 gallons of water for a period of 10 minutes. Immerse all halters, ropes, and other equipment used in handling/restraining animals as well as shovels, forks, scrapers for removing litter and manure. Ventilate buildings, crates, kennels, cages and other closed spaces. Do not house animals or employ equipment until treatment has been absorbed or dried. Thoroughly scrub all treated feed racks, mangers, troughs, and other feeding/watering equipment with soap or detergent and rinse with potable water.

FOOD CONTACT SANITIZATION: Recommended for use in restaurants, dairies, food processing plants, and bars. When used as directed, this product is an effective sanitizer against *Escherichia coli* and *Staphylococcus aureus*. Remove all gross food particles and soil from areas which are to be sanitized with a good detergent, pre-rinse, pre-soak or pre-scrape treatment. Rinse with a potable water rinse.

A 200 ppm active quaternary solution can be prepared by adding 1/2 (0.5) ounce of this product to 4 gallons of water, 1-1/4 (1.25) ounces to 10 gallons of water 1-7/8 (1.875) ounces to 15 gallons of water or 2-1/2 (2.5) ounces to 20 gallons of water (or any other product to water ratio equivalent to 1/2 oz product/4 gallons of water). To sanitize immobile items such as tanks, chopping blocks and counter tops, flood the areas with a 200 ppm active quaternary solution for at least 60 seconds, making sure to wet all surfaces completely. Remove, drain the use solution from the surface, and air dry. Prepare a fresh solution daily or more frequently as soil is apparent.

NET CONTENTS -

To sanitize mobile items such as drinking glasses and eating utensils, immerse in a 200 ppm active quaternary solution for at least 60 seconds, making sure to immerse completely. Remove, drain the used solution from the surface and air dry. Prepare a fresh solution daily or more frequently as soil is apparent. When used for sanitization of previously cleaned food equipment or food contact items, limit the active quaternary to 200 ppm. NO POTABLE WATER RINSE IS REQUIRED. This product is an effective sanitizer when diluted in water to 750 ppm hardness. (CaCO₃).

*Virucidal Activity: This product, when used on environmental, inanimate hard surfaces at 1-3/4 ounces per 5 gallons of water exhibits effective virucidal activity against Influenza A2/Japan (representative of the common flu virus), Herpes Simplex Type 1 (causative agent of fever blisters), Vaccinia virus (representative of the pox virus group), Avian Influenza A/Turkey/Wisconsin (causative agent of an acute avian lower respiratory tract infection) Newcastle disease virus and Laryngotracheitis Virus. Let solution remain on surface for a minimum of 10 minutes, then remove excess liquid. Rinse or allow to air dry. At 2.5 ounces per 5 gallons in the presence of 5% blood serum and 400 ppm of hardness for a 2 minute contact time this product was found to be effective against HIV-1 (AIDS Virus).

*KILLS HIV-1 (AIDS VIRUS) ON PRECLEANED, ENVIRONMENTAL SURFACES/OBJECTS PREVIOUSLY SOILED WITH BLOOD/BODY FLUIDS in health care settings or other settings in which there is an expected likelihood of soiling of inanimate surfaces/objects with blood or body fluids, and in which the surfaces/objects likely to be soiled with blood or body fluids can be associated with the potential for transmission of human immunodeficiency virus Type 1 (HIV-1) (associated with AIDS).

SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-1 ON SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUIDS.

Personal Protection: Specific barrier protection items to be used when handling items soiled with blood or body fluids are disposable latex gloves, gowns, masks, or eye coverings. Cleaning Procedure: Blood and other body fluids must be thoroughly cleaned from surfaces and objects before application of the disinfectant.

Disposal of Infectious Materials: Blood and other body fluids should be autoclaved and disposed of according to federal, state and local regulations for infectious waste disposal.

Contact Times: Leave surfaces wet for 2 minutes to disinfect against HIV-1 (Aids Virus). Allow 10 minutes to disinfect against bacteria and other viruses cited on the label. EFFICACY TESTS HAVE DEMONSTRATED THAT THIS PRODUCT IS AN EFFECTIVE BACTERICIDE AND VIRUCIDE IN THE PRESENCE OF ORGANIC SOIL (5% BLOOD SERUM).

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMAN AND DOMESTIC ANIMALS
DANGER**

CORROSIVE. CAUSES IRREVERSIBLE EYE DAMAGE AND SKIN BURNS. HARMFUL IF ABSORBED THROUGH SKIN. Do not get in eyes, on skin or on clothing. Wear goggles or face shield and rubber gloves when handling. May be fatal if swallowed. Remove contaminated clothing and wash clothing before reuse. Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco.

ENVIRONMENTAL HAZARD: 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.

STORAGE AND DISPOSAL

If container size is greater than one gallon:

PESTICIDE STORAGE: Keep product under locked storage, inaccessible to children or persons unfamiliar with its proper use. Open dumping is prohibited. Do not reuse empty container.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinseate is a violation of federal law. 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: Plastic Containers: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incinerate, or if allowed by state and local authorities, burn. If burned, stay out of smoke. Metal Container: Triple rinse (or equivalent). Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill, or dispose of by other procedures approved by state and local authorities.

If container size is one gallon or less:

Store in original container in areas inaccessible to children or persons unfamiliar with its proper use. Do not reuse empty container. Wrap container in newspaper, and discard in the trash.

ACCEPTED
with COMMENTS
in EPA Lab. Files

OCT 0 4 2000

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
and under EPA Reg. No. 149.55-33