

1839-107

11-15-2000

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Stepan Company
22 W. Frontage Rd.
Northfield, IL 60093

NOV 15 2000

Subject: SO/SAN Household Fabric softener Sanitizer
EPA Registration No. 1839-107
Regarding Letter Dated July 12, 2000

Attn: Thomas W. Isaac
Sr. Regulatory Specialist

The amendment referred to above to add the residual self sanitization and residual bacteriostatic claims, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable.

The Agency is in the process of re-evaluating use of phrases such as "residual self sanitizing" in the description of non-public health claims. The use of terms such as sanitizing, sanitization, sanitizes, imply public health benefits and need to be supported by the appropriate efficacy data.

During our reregistration process, you will likely be asked to either revise the claims or provide efficacy data to support the claim.

If you have any questions concerning the comments in this letter, you should contact Zenobia Jones at (703) 308-6198.

Sincerely,



Velma Noble
Product Manager 31
Regulatory Management Branch 1
Antimicrobial division (7510C)

CONCURRENCES

SYMBOL	1839-107C						
SURNAME	Z Jones						
DATE	11-8-00						

SO/SAN[®] Household Fabric Softener/Sanitizer

Fabric Softener Concentrate, Residual Bacteriostatic and Residual Self-Sanitizer under conditions of high humidity or wet contamination for prevention of odors.

ACTIVE INGREDIENTS

n-Alkyl (60% C ₁₄ , 30% C ₁₆ , 5% C ₁₂ , 5% C ₁₈)	
dimethyl benzyl ammonium chlorides	0.8%
n-Alkyl (68% C ₁₂ , 32% C ₁₄)	
dimethyl ethylbenzyl ammonium chlorides	0.8%

INERT INGREDIENTS	<u>98.4%</u>
Total	100.0%

KEEP OUT OF REACH OF CHILDREN

DANGER

See side panels for additional precautionary statements.

EPA REG. NO. 1839-107
EPA EST. NO. 1839-IL-01

STEPAN COMPANY
22 West Frontage Road • Northfield, IL 60093

NET CONTENTS

ACCEPTED
with COMMENTS
in EPA Letter Dated:
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Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide, registered under EPA Reg. No.

1839-107

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(middle panel)

Amend 03-20-00

DIRECTIONS FOR USE

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

SO/SAN[®] Household Fabric Softener/Sanitizer is designed for use in household laundry applications by addition to the final rinse cycle.

The residual self-sanitizing activity reduces the number of odor causing bacterial from wet contamination.

Residual self-sanitizing level of bacterial control

Add 2 fluid ounces of this product per 10 lbs. of dry laundry to the final rinse cycle water.

At this rate, this product provides, to the fabric, a residual self-sanitizing activity against odor-causing Gram positive and Gram negative organisms under conditions of high relative humidity or wet contamination.

Residual bacteriostatic level of bacterial control

Add 8 fluid ounces of this product per 10 lbs. of dry laundry to the final rinse cycle water.

At this rate, this product provides, to the fabric, a residual bacteriostatic activity against odor-causing Gram positive and Gram negative organisms under conditions of high relative humidity or wet contamination.

SO/SAN[®] Household Fabric Softener/Sanitizer inhibits the growth of organisms which act on urine to produce ammonia in diapers and wet bed linens. It also softens clothes, thereby eliminating chafing and "static cling" from nylons and other synthetic fabrics. The use of this product will also help to improve ironing time.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. 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.

ACCEPTED
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In EPA Record Dated:
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(left panel)

Amend 03-20-00

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER

KEEP OUT OF REACH OF CHILDREN. CORROSIVE. Causes irreversible eye damage and skin burns. Do not get in eyes, on skin or on clothing. Wear goggles or face shield and rubber gloves, and protective clothing. Harmful if swallowed or absorbed through skin. Remove contaminated clothing and wash before reuse. Wash thoroughly with soap and water after handling.

STATEMENT OF PRACTICAL TREATMENT

IF IN EYES: Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Get medical attention.

IF ON SKIN: Wash with plenty of soap and water. Get medical attention.

IF SWALLOWED: Call a doctor or get medical attention. Do not induce vomiting or give anything by mouth to an unconscious person. Drink promptly a large quantity of milk, egg whites, gelatin solution, or if these are not available, drink large quantities of water. Avoid alcohol.

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.

STORAGE - Store in a dry place no lower in temperature than 50°F or higher than 120°F.

CONTAINER DISPOSAL - Do not reuse empty container. Triple rinse empty container with water. Return metal drums then offer for reconditioning or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities. Plastic containers may be disposed of in a sanitary landfill, incinerated, or if allowed by local authorities, by burning. If burned, stay out of smoke.

For containers 1 gallon or less: Do not reuse empty container. Wrap in newspaper and discard in trash.

PESTICIDE DISPOSAL - Pesticide wastes are acutely 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.

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