

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

JUN 28 2000

Subject: SO/SAN Laundry Fabric Softener/Self Sanitizer & Mildew Inhibitor  
EPA Registration No. 1839-165  
Amendment Dated March 28, 2000

Attn: Thomas W. Isaac  
Sr. Regulatory Specialist

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable with comments as outlined below:

1. Under the Directions for Use, the "Residual self-sanitizing level of bacterial control" should be deleted from the label because it is a public health claim (see DSS/TSS 16, item 3, enclosed). If you want to keep this on the label, you must send in Efficacy data for Residual self-sanitizing level of bacterial control. Also, please read "Subdivision G, 91-4 (Products for use on fabrics and textiles) for further clarification.

A stamped copy of the label is enclosed for your records. Submit one (1) copy of the final printed label before this product is released for shipment.

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 (7510W)

CONCURRENCES

SYMBOL	7510W						
SURNAME	Z Jones						
DATE	6-28-2000						

# SO/SAN<sup>®</sup> Laundry Fabric Softener/Self-Sanitizer\* and Mildew Inhibitor

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 <sub>14</sub> , 30% C <sub>16</sub> , 5% C <sub>12</sub> , 5% C <sub>18</sub> ) dimethyl benzyl ammonium chlorides .....	13.0%
n-Alkyl (68% C <sub>12</sub> , 32% C <sub>14</sub> ) dimethyl ethylbenzyl ammonium chlorides .....	13.0%

<b>INERT INGREDIENTS</b> .....	<b>74.0%</b>
Total	100.00%

KEEP OUT OF REACH OF CHILDREN  
**DANGER**

See side panels for additional precautionary statements.

EPA REG. NO. 1839-165  
EPA EST. NO. 1839-IL-01

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:  
JUN 28 2000

STEPAN COMPANY  
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NET CONTENTS

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No. 1839-165

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(middle panel)

Amend\*Q3-2000

### DIRECTIONS FOR USE

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

SO/SAN® Laundry Fabric Softener/Self-Sanitizer\* and Mildew Inhibitor is a concentrated formulation designed for use in commercial and institutional laundry operations 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 2½ fluid ounces of this product per 100 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. Mildew control is also achieved at this use level.

#### Residual bacteriostatic level of bacterial control

Add 5 fluid ounces of this product per 100 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. Mildew control is also achieved at this use level.

This product 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  
with COMMENTS  
in EPA Letter Dated:

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(left panel)

Amend-03-20-00

**PRECAUTIONARY STATEMENTS**  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

JUN 28 2000

**DANGER**

Under the Federal Insecticide,  
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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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Amend 03-20-00