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JUL 13 1995

Stepan Company  
22 West Frontage Rd  
Northfield, Il 60093

Attention: Leo Dringoli  
Manger Product Registration

Subject: So/San Laundry Fabric Softener/Self-Sanitizer and  
Mildew Inhibitor  
EPA Registration No. 1839-165  
Your Amendment Dated March 20, 1995  
and your cover letter dated March 28, 1995

The amendment (use direction:dilution separation and label update) referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable provided that you:

1. Make the following labeling changes below before you release the product for shipment bearing the amended labeling.
  - a. Delete the words: aquatic invertebrates. NOTE: This claim was not declared on the last stamped label. Support data will be required for this claim.
  - b. Revise the words: mildew protection to read: mildew control.
  - c. Delete the terms: "long lasting" & "shorter term".
  - d. The statement: "The residual self-sanitizing activity reduces the number of bacteria from wet contamination" requires to be included under the heading "Residual self-sanitizing level of bacteria control". If the statement is retained in its present location, then the word "bacteria" must be qualified to read: odor causing bacteria.

CONCURRENCES

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SURNAME							
DATE							

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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2. Our records have been adjusted to reflect your product name change:

OLD PRODUCT NAME: So/San Fabric Softener/Self Sanitizer\*

NEW PRODUCT NAME: So/San Laundry Fabric Softener/Self-Sanitizer\* and Mildew Inhibitor

3. A release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

4. A stamped copy of the labeling is enclosed for your records.

If you have any questions concerning this letter, contact V. Goncarovs at 703-305-6663.

Sincerely,

Marion Johnson  
Product Manager (31)  
Antimicrobial Program Branch  
Registration Division (7505C)

Enclosures

CONCURRENCES

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# Stepan

Stepan Company  
Northfield, IL 60093

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

Fabric Softener, Residual Bacteriostatic and \*Residual Self-Sanitizer under conditions of high relative humidity or wet contamination for control of odor-causing bacteria.

### 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%

### INERT INGREDIENTS

	74.0%
<b>TOTAL</b>	<b>100.0%</b>

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

KEEP OUT OF REACH OF CHILDREN

# DANGER

See side panels for additional precautionary statements.

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### DIRECTIONS FOR USE

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

This product is designed for commercial and institutional laundry use by addition to the final rinse cycle.

This product inhibits the growth of odor-causing organisms in laundered fabrics such as diapers and wet bed linens of incontinent persons. It also softens clothes, thereby eliminating chafing and "static cling" from synthetic fabrics.

The residual self-sanitizing activity reduces the number of bacteria 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 (400 ppm active quaternary).

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. Long lasting mildew protection is also achieved at this use level.

#### Residual bacteriostatic level of bacterial control

Add 1¼ fluid ounces of this product per 100 lbs. of dry laundry to the final rinse cycle water (200 ppm active quaternary).

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. Shorter term (2 weeks) mildew protection is also achieved at this use level.

Stepan Company  
Northfield, IL 60093  
EPA Reg. No. 1839-165

(left panel)

ACCEPTED  
with COMMENTS  
In EPA Letter Report

JUL 13 1995

Under the provisions of the Federal  
Insecticide, Fungicide, and Plant  
Regulation Act, the following  
product is registered under EPA Reg. No.  
1839-165

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

KEEP OUT OF REACH OF CHILDREN. CORROSIVE. Causes severe eye and skin damage. Do not get in eyes, on skin or on clothing. Wear goggles or face shield and rubber gloves when handling. Harmful or fatal if swallowed. Avoid contamination of food. Remove contaminated clothing and wash before reuse. Wash thoroughly with soap and water after 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.

If swallowed, drink egg whites or gelatin solution, or if these are not available, drink large quantities of water. Call a physician immediately.

**NOTE TO PHYSICIAN**

Probable mucosal damage may contraindicate the use of gastric lavage.

**ENVIRONMENTAL HAZARDS**

This pesticide is toxic to fish and aquatic invertebrates. 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**

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 drum 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.

**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.

Stepan Company  
Northfield, IL 60093  
EPA Reg. No. 1839-165

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ACCEPTED  
with COMMENTS  
in EPA Letter Patent  
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Under the terms of the...  
EPA Reg. No. 1839-165