

SOF-T[®] PLUS

BACTERIOSTATIC
Liquid Fabric Softener



EPA Reg. No. 4035
EPA Est. No. 4035-OH-1

Active Ingredients

Octyl decyl dimethyl ammonium chloride	3.75 %
Dioctyl dimethyl ammonium chloride	1.875 %
Didecyl dimethyl ammonium chloride	1.875 %

Inert Ingredients

92.5 %
100.00 %

Marlyn Chemical Co., Inc., Lakeview, OH

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SOF-T PLUS is based on a highly-active mixture of three *Twin Chain* quaternary ammonium compounds together with an effective fabric softener.

Soiled and contaminated fabrics such as diapers, hospital and institutional linen and athletic equipment is a major housekeeping problem not only in hospitals but in institutions, hotels, restaurants and schools. Used as directed **SOF-T PLUS** imparts an effective residual bacteriostatic treatment together with softening to laundered items such as diapers, hospital and institutional linens and athletic apparel. This finish will effectively protect the fabric against rapid bacterial growth caused by moisture and wet contamination.

SOF-T PLUS is designed for commercial and institutional laundry use by addition to the final rinse. To soften laundered fabrics and obtain residual bacteriostatic activity against *Klebsiella pneumoniae*, ATCC No. 4352 and *Staphylococcus aureus* ATCC No. 6538, use as directed below. Laundered fabric may also be treated and softened by soaking in a solution of **SOF-T PLUS**.

Fabrics treated with recommended use-concentrations of **SOF-T PLUS** were found to be non-irritating to human skin.

SOF-T PLUS Bacteriostatic Laundry Softener Concentrate is economical to use because it is concentrated. It should be handled with care.

DIRECTIONS FOR USE:

Add 4 ounces **SOF-T PLUS** per 100 pounds of laundry in the
RINSE CYCLE

KEEP OUT OF REACH OF CHILDREN

DANGER

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. Remove and wash contaminated clothing before reuse.

If swallowed, drink promptly a large quantity of milk, egg whites, 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. Measures against circulatory shock, respiratory depression, and convulsion may be needed.

Precautionary Statements

Hazards to Humans & 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. Do not use, pour, spill or store near heat or open flame.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Treatment of water should not be discontinued until water is clean. Do not allow to enter streams, ponds, or other water.

STORAGE AND DISPOSAL

DO NOT CONTAMINATE WATER, FOOD, OR FEED BY STORAGE OR DISPOSAL.

OPEN DUMPING IS PROHIBITED.

PESTICIDE DISPOSAL

PESTICIDE THAT CANNOT BE USED OR CHEMICALLY RE-PROCESSED SHOULD BE DISPOSED OF IN A LANDFILL APPROVED FOR PESTICIDES OR BURIED IN A SAFE PLACE AWAY FROM WATER SUPPLIES.

CONTAINER DISPOSAL

RESEAL CONTAINER AND OFFER FOR RE-USE OR RE-PROCESSING OR EQUIVALENT AND OFFER FOR RE-USE OR RE-PROCESSING OR DISPOSAL IN APPROVED LANDFILL OR BURIED IN A SAFE PLACE.

- c. This product requires the following statement to be placed on the label: "Only For Sale To, Use, and Storage by Servicepersons." This statement must be at least the same type size as the Chief Hazard Warning statement and preferably placed on the upper front panel. Refer to the 40 CFR 162.16 "Pesticides requiring Special Packaging" and the Federal Register Vol. 46, No. 41, Tuesday, March 3, 1981, pp. 15104-15109, "Clarification of Policy Issues on Special Packaging," for guidance and proper submission requirements.
- d. The full company's address as declared on your application form must be included on the label. Include the zip code.
- e. The following statements are required to be on the center panel of the label.

KEEP OUT OF REACH OF CHILDREN
DANGER
SEE LEFT PANEL FOR
ADDITIONAL PRECAUTIONARY STATEMENTS

- g. For consistency, revise the first active ingredient to read 3.750%.
- h. For consistency, revise the inert ingredient % to read 92.500%.
- i. For consistency, revise the total % of ingredients to read: 100.000%.
- j. Revise the ENVIRONMENTAL HAZARD statement to read:

The pesticide is toxic to fish. Do not discharge into lakes, streams, ponds or public water unless in accordance with a NPDES permit. For guidance contact your Regional Office of the Environmental Protection Agency.

- k. Include a Misuse statement to appear directly below the statement "Directions for Use" to read:

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

- l. For clarity, the statements:

Precautionary Statements
DANGER TO HUMANS AND DOMESTIC ANIMALS

should be placed at the top of the last panel.

10. Since the elimination or reduction in numbers of microorganisms (sterilization, disinfection, sanitization) must occur before claims against infectious disease organisms are accepted, the claim for use of the product as a residual bacteriostat is not considered to be related to human health and does not require supporting efficacy data. Therefore, the claim for residual bacteriostatic activity under conditions of high humidity or wet contamination must be restricted to practical value which is likely to be provided.

Since bacteriostatic will not be considered where a human health hazard may exist, label claims against infectious disease organisms are not acceptable. Therefore the claims for residual bacteriostatic activity against Klebsiella pneumoniae and Staphylococcus aureus must be revised to specify odor-causing bacteria, the practical value which is likely to be provided.

A possible suggestion would be to revise the appropriate claim which appears within the middle of right panel of your label to read:

To control odorous fabrics and to obtain residual bacteriostatic activity against odor-causing bacteria, use as directed below.

11. 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(c). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

John H. Lee
Product Manager (31)
Disinfectants Branch
Registration Division (12-7270)

Enclosure