

MAR 10 1989

Texo Corporation
2801 Highland Avenue
Cincinnati, OH 45212

Attention: Barry S. Pokorny

Gentlemen:

Subject: **TEXSAN NR**
EPA Registration No. 5870-26
Your Submission Dated December 1, 1987
EPA Received Date December 4, 1987

The amendment referred to above, submitted in connection with the Label Improvement Program Notice for Antimicrobial Products Used as Food Contact Surface Sanitizers, is acceptable provided that you:

1. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling.
 - a. Delete the term "General Classification."
 - b. Delete the word "milk."
 - c. In the "Note to Physician" section, delete the statement "Measures against . . . be needed."
 - d. Delete the statement "For Sale For Use and Storage by Maintenance Personnel Only."
2. The Confidential Statement of Formula is acceptable.
3. Submit five (5) copies of final draft labeling for our review.

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

50287:I:Leavy:LL-18;KENCO:3/5/89:4/11/89:SG:ek:vo:rw

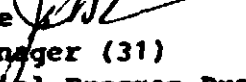
CONCURRENCES

SYMBOL	SURNAME	DATE					

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

If you have any questions, please contact Karen Leavy at
(703) 557-3966.

Sincerely yours,


John H. Lee
Product Manager (31)
Antimicrobial Program Branch
Registration Division (H7504C)

Enclosure

343

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

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

PRECAUTIONARY STATEMENTS

Hazards to Human and Domestic Animals

DANGER: Keep out of reach of children. Corrosive. Causes eyes damage and skin irritation. 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.

STORAGE AND DISPOSAL

DO NOT CONTAMINATE WATER, FOOD OR FEED BY STORAGE OR DISPOSAL. OPEN DUMPING IS PROHIBITED. DO NOT REUSE EMPTY CONTAINER.

PESTICIDE DISPOSAL: PESTICIDE SPRAY MIXTURE OR RINSE WATER THAT CANNOT BE RE-APPLICATION TO LABEL INSTRUCTIONS MUST BE DISPOSED IN ACCORDANCE WITH FEDERAL LAW. APPROVED METHODS OF PESTICIDE DISPOSAL ARE THROUGH THE RESIDUE DISPOSAL AND RECOVERY ACT UNDER SUPERVISOR OF RESIDUE DISPOSAL AND RECOVERY ACT OF CONTAMINATED MATERIALS. TO BE EITHER BY RECYCLING OR BY RECYCLING OR BY DISPOSAL IN A SANITARY LANDFILL OR BY INCINERATION AT AN INCINERATOR. STATE AND LOCAL AUTHORITIES GENERAL CONSIDERATION OF LOCAL DISPOSAL METHODS OF SANITARY ALTERNATIVE PROCEDURES.

BEST AVAILABLE COPY

TEXDO
CORPORATION
CINCINNATI, OHIO 45212

TEXSAN NR
SANITIZER

KEEP OUT OF REACH OF CHILDREN

DANGER

Active Ingredients	
Alkyl (C14, 60% C18, 30% C12, 5% C18, 5%) Dimethyl Benzyl Ammonium Chloride	5.0%
Alkyl (C12, 68% C14, 32%) Dimethyl Ethylbenzyl Ammonium Chloride	5.0%
Inert Ingredients	90.0%
	Total 100.0%

SEE LEFT PANEL FOR
ADDITIONAL PRECAUTIONARY STATEMENTS

EPA Registration No. **5870-26** EPA Establishment No. 05870CM1 9870CK1

NET CONTENTS: 1 GAL. U.S. (3.78 L)

TAKE TIME

DIRECTIONS

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

Apply TEXSAN NR with a cloth, mop or mechanical spray device. When applied with a mechanical spray device, surface must be sprayed until thoroughly wetted. Treated surface must remain wet for 10 minutes. Fresh solution should be prepared daily or when the use solution becomes visibly dirty.

Disinfection in Hospitals, Nursing Homes and Other Health Care Institutions:
For disinfecting floors, walls, countertops, bathing areas, lavatories, bedframes, tables, chairs, garbage pails and other hard non-porous surfaces:
Add 4.5 oz. TEXSAN NR to 5 gallons water. Apply to previously cleaned hard surface with mop or cloth.
At this use-level, TEXSAN NR is effective against *Pseudomonas aeruginosa*.

Disinfectant in Institutions, Industry and Schools:
For disinfecting floors, walls, bedframes, countertops, tables, chairs, garbage pails, bathroom fixtures and other hard non-porous surfaces:
Add 3 oz. of TEXSAN NR to 5 gallons of water. Apply to previously cleaned hard surface with mop or cloth.

Sanitizing of Food Processing Equipment and other Hard Surfaces in Food Contact Locations:
For sanitizing food processing equipment, dairy equipment, food utensils, dishes, silverware, glasses, sink tops, counter-tops, refrigerated storage and display equipment and other hard non-porous surfaces:
Wash and rinse all articles thoroughly, then apply a solution of 1 oz. TEXSAN NR in 4 gallons of water (200 ppm active). Surfaces should remain wet for at least one minute followed by adequate draining and air drying. Fresh solution should be prepared daily or when use solution becomes visibly dirty. For mechanical application, use solution may not be reused for sanitizing applications.
Apply to sink tops, countertops, refrigerated storage and display equipment and other stationary hard surfaces by cloth or brush.
Dishes, silverware, glasses, cooking utensils and other similar size food processing equipment can be sanitized by immersion in a 1 oz / 4 gallon dilution of TEXSAN NR.
No Potable water rinse is required.
At 1 oz / 4 gallons, TEXSAN NR has a hard water tolerance of 750 ppm of hardness calculated as CaCO₃ when evaluated by the AOAC Germicidal and Detergent Sanitizer method against *Escherichia coli* and *Staphylococcus aureus*.
The udders, flanks, and teats of dairy cows can be sanitized by washing with a solution of 1 oz. TEXSAN NR in 4 gallons of warm water.
Use a fresh towel for each cow. Avoid contamination of sanitizing solution by dirt and soil. Do not dip used towel back into sanitizing solution. When solution becomes visibly dirty, discard and provide fresh solution.

Disinfection in Bathrooms:
For disinfecting floors, chairs, garbage pails, non-porous surfaces:
Add 3 oz. of TEXSAN NR to 5 gallons of water. Apply to previously cleaned P.

TEXDO
CORPORATION
CINCINNATI, OHIO 45212

ON
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DIRECTIONS FOR USE

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For disinfecting floors, walls, bedframes, countertops, tables, chairs, garbage pails, bathroom fixtures and other hard non-porous surfaces:
Add 3 oz. of TEXSAN NR to 5 gallons of water. Apply to previously cleaned hard surface with mop or cloth.

At 3 oz / 5 gallon use-level TEXSAN NR is effective against *Staphylococcus aureus* and *Salmonella choleraesuis*.

Fungicidal Activity
At 8 oz / 5 gallons use-level TEXSAN NR is effective against *Trichophyton interdigitale* (athlete's foot fungus) on inanimate hard surfaces.

Disinfection of Barber Tools
Pre-cleaned barber tools (such as combs, brushes, razors, and scissors) can be disinfected by immersing in a 6 oz / gallon solution of TEXSAN NR.

Disinfection of Poultry Equipment, Animal Quarters and Kennels
Poultry brooders, watering founts, feeding equipment and other animal quarters (such as stalls and kennel areas) can be disinfected after thorough cleaning by applying a solution of 4.5 oz. TEXSAN NR to 5 gallons of water with a mop, cloth or brush. Small utensils should be immersed in this solution.

Prior to disinfection, all poultry, other animals and their feeds must be removed from the premises. This includes emptying all troughs, racks and other feeding and watering appliances. Remove all litter and droppings from floors, walls and other surfaces occupied or traversed by poultry or other animals.

After disinfection, ventilate buildings, coops and other closed spaces. Do not house poultry, or other animals, or employ equipment until treatment has been absorbed, set or dried.

All treated equipment that will contact feed or drinking water must be rinsed with potable water before reuse.

Sanitizing of Food Processing Equipment and other Hard Surfaces in Food Contact Locations:
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