

**N-MIL-SAN** is based on a highly-active Twin-Chain quaternary ammonium compound. It prevents musty odors and discolorization on all fabrics due to molds, mildew and fungi. At the same time, **N-MIL-SAN** will sanitize the fabric and impart a residual self-sanitized and residual bacteriostatic finish to the laundered article.

The mildew inhibition of **N-MIL-SAN** lasts at least four weeks when used as directed. It is designed for commercial and institutional laundry use by addition to the final rinse or sour step. Fabric may also be preserved against mildew by soaking in a solution of **N-MIL-SAN**. For recommended solution concentration, see Use-Directions.

The laundering of fabric may not eliminate the pathogenic bacteria commonly found in soiled and contaminated fabrics such as diapers, hospital and institutional linen, and athletic apparel. These bacteria can survive commonly used laundering procedures and remain in finished "clean" fabrics. **N-MIL-SAN**, when used at recommended levels, will sanitize such fabrics. Sanitizing is defined as a greater than 99.9% reduction in bacteria count on contaminated fabric.

At the same time **N-MIL-SAN** imparts to the laundered, sanitized fabric a residual self-sanitizing and residual bacteriostatic finish. This finish will effectively protect the fabric against rapid bacterial growth caused by moisture and wet contamination. The residual bacteriostatic action of **N-MIL-SAN** inhibits the growth of bacteria. Its residual self-sanitizing activity reduces the number of bacteria from wet contamination.

All of the above beneficial activity — mildew protection-sanitizing-residual self-sanitizing-residual bacteriostatic occur when the fabric is treated as directed.

**N-MIL-SAN** is economical to use because it is concentrated. It should be handled with care.

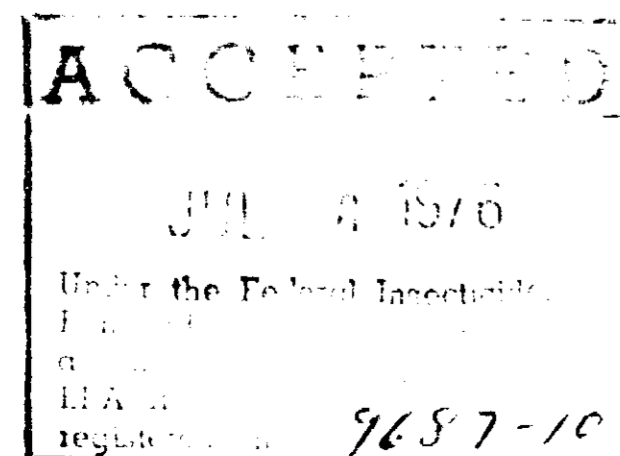
## DANGER:

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.

**FIRST AID:** 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. Avoid alcohol. 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.



# N-MIL-SAN

Twin-Chain Quaternary  
Ammonium Compound Concentrate

Mildew Inhibitor for Commercial  
and Institutional Use

with  
Sanitizing  
and  
Residual Bacteriostatic and  
Self-Sanitizing Activity\*

### Active Ingredient

Didecyl dimethyl ammonium chloride 50%

### Inert Ingredient

50%

100%

### EPA Registration No.

9687-10

### Net Weight

400 lbs.

### Net Volume

55 gals.

\*Under humid or wet contamination conditions.  
See left panel for further comments.

## RE-ODA CHEM ENGINEERING COMPANY

32 WEST ORANGE STREET

CHAGRIN FALLS, OHIO

## DANGER:

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

### USE-DIRECTIONS

For lasting mildew prevention, use **N-MIL-SAN** as directed

— For 2-week protection, use 1/2 oz. per 100 pounds of fabric (dry weight).

— For 3-week protection, use 1 1/4 oz. per 100 pounds of fabric (dry weight).

AND

At this use-level, **N-MIL-SAN** will also impart to the fabric a residual self-sanitizing and residual bacteriostatic finish. This activity has been confirmed against *Klebsiella pneumoniae* ATCC No. 4352 and *Staphylococcus aureus* ATCC No. 6538.

— 2 1/4 oz. per 100 pounds of fabric (dry weight) will give long-lasting protection for 30 days or more, against mildew.

AND

At this use-level, **N-MIL-SAN** will sanitize and impart to the fabric a residual self-sanitizing and residual bacteriostatic finish. These activities have been confirmed against *Klebsiella pneumoniae* ATCC No. 4352 and *Staphylococcus aureus* ATCC No. 6538.

Re-treat as necessary.

Dilute the appropriate amount of **N-MIL-SAN** in one to two gallons of water; add to the wash-wheel in the final rinse.

Re-treat fabric after each washing.

Do not reuse empty drum. Return to manufacturer or conditioner or rinse well with soap solution and discard. Do not contaminate water by disposal of waste.

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ACCEPTED

JUL 6 1976

Under the Federal Insecticide,

Fungicide,

and

PA No.

Registered

9687-10