

DEC 19 1988

D.W. Davies & Company, Inc.
3200 Phillips Avenue
Racine, WI 53403

Attention: Jeff Kraschnewski

Gentlemen:

Subject: Super-San
EPA Registration No. 11741-18
Your Submission Dated September 16, 1988

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), is acceptable provided that you:

1. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling.
 - a. Place the active and inert ingredient section directly below the product name.
 - b. Delete the statement "Only for Sale to, Use and Storage by Service Personnel."
 - c. Revise the referral statement to read "See side panel for additional precautionary statements." The referral statement should be placed directly below the ingredient section.
 - d. Delete the statement "Measures against circulatory shock respirator depression and convulsion may be needed" from the Physician section.
 - e. Delete the statement "No potable water rinse is required" from the sanitization section.
 - f. On the center panel, place the EPA Estimated Number and EPA Registration Number directly above the company's address.

52360; I:DeLaney; LL-4; KENCO: 12/1/88; 1/17/89; rv; SG: AS

CONCURRENCES

SYMBOL							
SURNAME							
DATE							

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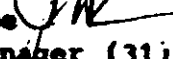
2. Submit five (5) copies of your final printed labeling before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

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

If you have any questions concerning this letter, please contact Martha DeLaney at (703) 557-6982.

Sincerely yours,

John H. Lee 
Product Manager (31)
Antimicrobial Program Branch
Registration Division (TS-767C)

Enclosure

DAVIES

"SUPER-SAN"

ACCEPTED
with COMMENTS
in EPA Letter Dated:

DEC 19 1968

DISINFECTANT SANITIZER DEODORIZER VIRUCIDE*

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide
registered under EPA Reg. No.
11741-18

EPA EST NO. 11741-Wi-1
EPA REG. NO. 11741-18

**KEEP OUT OF REACH
OF CHILDREN;
DANGER**

ACTIVE INGREDIENTS:

N-Alkyl (60% C ₁₄ , 30% C ₁₆ , 5% C ₁₂ , 5% C ₁₈) dimethyl benzyl ammonium chlorides	5%
n-Alkyl (68% C ₁₂ , 32% C ₁₄) dimethyl ethylbenzyl ammonium chlorides	5%

INERT INGREDIENTS:

90%
100%

See other precautions and
statement of practical treat-
ment on right panel.

Only for sale to, use and stor-
age by service personnel.



DAVIES

D. W. Davies and Company, Inc.

3200 PHILLIPS AVENUE, RACINE, WIS.

PHONE 414-637-6133

DANGER NOTE TO USER

PRECAUTIONARY STATEMENT
Hazard to Human and Domestic Animals
DANGER

Keep Out of Reach of Children. Caution: Hazardous to Aquatic Life. Do not get in eyes, skin or on clothing. Do not breathe vapors. Wear goggles or face shield and respirator. Avoid contamination of food. Remove contaminated clothing.

STATEMENT OF PRACTICAL TREATMENT

In case of contact, immediately flush with water for at least 15 minutes. For eye contact, flush with water and wash all contaminated clothing. For ingestion, do not induce vomiting. Do not drink milk, egg whites, gelatin solution, or other food. Drink large quantities of water.

NOTE TO USER

Probable mucosal damage may occur. Thorough lavage. Measures against circulatory depression and convulsion may be needed.

STORAGE AND DISPOSAL

- DO NOT CONTAMINATE WATER
- STORAGE OR DISPOSAL
- OPEN DUMPING IS PROHIBITED
- DO NOT REUSE EMPTY CONTAINERS

PESTICIDE DISPOSAL-Pesticides that are not locally reprocessed should be disposed of as hazardous waste.

CONTAINER DISPOSAL-Triple rinse and dispose of in an incinerator or landfill approved for hazardous waste.

Net Content

DIRECTIONS FOR USE

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

"SUPER-SAN" has been designed specifically for hospitals, food processing plants, dairies, restaurants, bars, and other institutions where disinfection and sanitization is of prime importance. **DISINFECTION**-To disinfect previously cleaned hard inanimate surfaces (such as walls, floors, table tops), apply "SUPER-SAN" with mop, cloth, or sponge or mechanical sprayer so as to wet thoroughly. Allow to remain wet for 10 minutes and then let air dry.

DILUTION RATES: General Disinfection-add 3 ounces per 5 gallons of water. Hospital Disinfection - add 3 1/2 ounces per 5 gallons of water.

For disinfection of previously cleaned surgical instruments, barber tools and dental equipment, simply submerge instruments into solution containing 1 1/2 ounces "SUPER-SAN" per gallon of water for 10 minutes.

For disinfection, a pre-cleaning step is required and recommended. Prepare a fresh solution for each use.

DEODORIZER-To deodorize, apply "SUPER-SAN" as indicated under the heading "General Disinfection" above.

MILDEWSTAT-To control mold and mildew on pre-cleaned, hard non-porous surfaces (such as floors, walls, table tops), add 3 oz "SUPER-SAN" per gal. of water. Apply solution with a cloth, mop or sponge making sure to wet all surfaces completely. Let air dry. Prepare a fresh solution for each use. Repeat application at weekly intervals or when mildew growth reappears. **SANITIZATION**-To sanitize previously cleaned and rinsed non-porous food contact surfaces, prepare 200 ppm active quaternary solution by adding 1 ounce "SUPER-SAN" to 4 gallons of water.

To sanitize immobile items (such as tanks, chopping blocks, counter tops), flood the area with 200 ppm "SUPER-SAN" for at least 60 seconds making sure to wet all surfaces completely. Remove and let air dry. Prepare a fresh solution daily or more frequently as soil is apparent.

To sanitize mobile items (such as drinking glasses, eating utensils), immerse in 200 ppm "SUPER-SAN" for at least 60 seconds making sure to immerse completely. Remove and let air dry. Prepare a fresh solution daily or more frequently

as soil is apparent.

"SUPER-SAN" provides sanitizing, disinfecting and deodorizing in Hospitals, Food Processing Plants, Dairies, Restaurants, Bars, and other institutions. When used as recommended, it is effective as a sanitizer against *Escherichia coli*, *Staphylococcus aureus*; and as a disinfectant against *Staphylococcus aureus*, *Salmonella choleraesuis* and *Pseudomonas aeruginosa*. "SUPER-SAN" is authorized under the Food and Drug Administration Amendment of the Federal Food Drug and Cosmetic Act for use as a sanitizing solution at 200 ppm active quaternary.

DISINFECTION-At 3 ounces per 5 gallon dilution, "SUPER-SAN" exhibits effective disinfectant activity against the following organisms: *Salmonella choleraesuis* and *Staphylococcus aureus*.

At 3 1/2 ounces per 5 gallons dilution, "SUPER-SAN" is an acceptable hospital disinfectant and demonstrates disinfectant activity against *Pseudomonas aeruginosa*.

Virucidal Activity This product when used on environmental inanimate hard surfaces at 3 1/2 ounces per 5 gallons of water is effective against influenza A₂ (representative of the influenza virus), Herpes simplex (causative agent of blisters and genital herpes), Adenovirus Type 7 (causative agent of upper respiratory infections), and Vaccinia Virus (representative of pox virus group).

Efficacy tests have demonstrated that "SUPER-SAN" is an effective bactericide, and virucide* in the presence of organic soil (5% blood serum).

DEODORIZATION-"SUPER-SAN" deodorizes those areas which generally are hard to keep fresh smelling, such as garbage storage areas, empty garbage bins and cans, pet areas and any other areas which are prone to odors caused by microorganisms.

Mold and Mildewstat-"SUPER-SAN" prevents and controls mold and mildew and the odors they cause on hard non-porous inanimate surfaces.

SANITIZATION-When used for sanitization of previously cleaned food equipment for food contact items limit to quaternaries to 200 ppm. At this level NO POTABLE WATER RINSE is required.

"SUPER-SAN" is an effective sanitizer when diluted in water up to 750 ppm hardness (Ca CO₃).