

U.S. ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (TS 767) WASHINGTON, DC 20460	EPA REGISTRATION NO. _____ DATE OF ISSUANCE OCT 16 1989
	TERM OF ISSUANCE _____ NAME OF PESTICIDE PRODUCT _____

NAME AND ADDRESS OF REGISTRANT (Include ZIP Code)

NOTE— Changes in labeling formula, differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration in no way to be construed as an endorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator of the Agency, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

1. The registrant shall place the following information on the registration/reregistration label:
 - a. "EPA Reg. No. 8325-22"
 - b. Place the words "EPA Reg. No. 8325-22" directly below the statement: "This product is registered with the U.S. Environmental Protection Agency under the Federal Insecticide, Fungicide, and Rodenticide Act."
2. The registrant shall place the following information on the label: you release the product:
 - a. "EPA Reg. No. 8325-22"
 - b. Place the words "EPA Reg. No. 8325-22" directly below the statement: "This product is registered with the U.S. Environmental Protection Agency under the Federal Insecticide, Fungicide, and Rodenticide Act."

BEST AVAILABLE COPY

- a. "EPA Reg. No. 8325-22"
 - b. Place the words "EPA Reg. No. 8325-22" directly below the statement: "This product is registered with the U.S. Environmental Protection Agency under the Federal Insecticide, Fungicide, and Rodenticide Act."
3. The registrant shall place the following information on the label: you release the product:
- a. "EPA Reg. No. 8325-22"
 - b. Place the words "EPA Reg. No. 8325-22" directly below the statement: "This product is registered with the U.S. Environmental Protection Agency under the Federal Insecticide, Fungicide, and Rodenticide Act."
4. Revise the referral statement to read: "This product is registered with the U.S. Environmental Protection Agency under the Federal Insecticide, Fungicide, and Rodenticide Act. For more information, contact the Agency at the following address: U.S. Environmental Protection Agency, Registration Division, 1200 Pennsylvania Avenue, N.W., Washington, D.C. 20460."

ATTACHMENT IS APPLICABLE

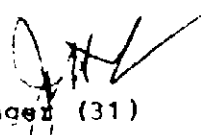
SIGNATURE OF APPROVING OFFICIAL _____ DATE _____

e. Delete the statement:

Measures against circulatory shock,
respiratory depression and convulsion
may be needed.

3. If these conditions are not complied with, the registration will be
subject to cancellation in accordance with FIFDA sec. 6(e). 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)
Antimicrobial Program Branch
Registration Division (H7505C)

Enclosure

RECEIVED

Under the provisions of the Federal Food, Drug, and Cosmetic Act, this product has been found to comply with the requirements of the Act.

OCT 16 1989

ACCEPTED
with COMMENTS
as EPA Letter D-100-89

SANI-512 SANITIZER-DISINFECTANT-DEODORANT

ACTIVE INGREDIENT:
n-Alkyl (C₁₂ 50%, C₁₄ 40%, C₁₆ 10%) dimethyl benzyl ammonium chloride
INERT INGREDIENTS:

**DANGER: KEEP OUT OF REACH OF CHILDREN
ONLY FOR SALE TO, USE AND STORAGE BY SERVICE PERSONS.**
(See right panel for additional precautionary and practical treatment statements.)

Formulation HS-8451P is a concentrated disinfectant for use in hospitals and nursing homes, schools and colleges, medical and dental offices, office buildings, restaurants and bars, federally inspected meat and poultry plants and beverage plants.

A.O.A.C. Use Dilution Test
Kills *Salmonella choleraesuis*, *Staphylococcus aureus*, *Pseudomonas aeruginosa*
DISINFECTANT: 1:128 (1 ounce per gallon of water)
An effective sanitizer for use on food contact surfaces, it also fulfills the criteria of Appendix F of the Grade "A" Pasteurized Milk Ordinance 1965 recommendation of the U.S. Public Health Service in hard waters up to 750 ppm hardness (calculated as CaCO₃).
SANITIZER: 1:512 (1 ounce per 4 gallons of water)

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

FOR DISINFECTING.
USES: Floors, walls, metal surfaces, painted surfaces, exterior bowl surfaces, empty basins, showers, athletic equipment, garbage cans, lavatory fixtures and other hard non-porous surfaces.

APPLICATION: Remove gross filth and heavy soil deposits. Pre-clean all surfaces prior to disinfection. Thoroughly wet surfaces. Use 1 ounce per gallon of water for a minimum contact time of 10 minutes in a single application. Can be applied with a mop, sponge or cloth as well as spraying or soaking. The recommended use solution is prepared fresh for each use then discarded. Rinsing is not necessary unless floors are to be waxed or polished.

FOR SANITIZING:
For use on hard non-porous surfaces such as counter tops, eating utensils, and drinking glasses. Remove gross filth and heavy soil deposits. Pre-clean all surfaces prior to sanitizing. Thoroughly wet surfaces. Use 1 ounce per 4 gallons of water for a minimum contact time of 1 minute in a single application. Can be applied with a mop, sponge or cloth as well as soaking. The recommended use solution is prepared fresh for each use then discarded. Drain thoroughly. Do not rinse.

Before use as a sanitizer in federally inspected meat and poultry plants and dairies, food products and packaging materials must be removed from the room or carefully protected. A potable water rinse is not required following use of this compound on previously cleaned hard surfaces provided that the surfaces are adequately drained before contact with food so that little or no residue remains.

RESTAURANT AND BAR USE: For use as a sanitizer on dishes, glassware, silverware, cooking utensils, wash with detergent, rinse thoroughly and immerse in a solution (1 ounce per 4 gallons of water) for at least 1 minute.

BEVERAGE PLANTS: For sanitizing of bottling or pre-mix dispensing equipment, after cleaning thoroughly rinse equipment with cold or luke warm water. Fill equipment with solution of 1 oz. per 4 gallons of water (200 ppm of quat). Allow the solution to remain in contact with equipment for at least 1 minute or until operations resume at which time the sanitizing solution should be drained from the system.

To insure the removal of flavors, it is suggested that during changeover between products, the system should be cleaned, rinsed and flushed with the sanitizing solution for at least 1 minute. Allow to drain completely before using.

SANITARY FILLING: Recommended for use in sanitizing bottles or cans in the final rinse application. Formulation HS-8451P is to be proportioned into the final rinse water line of the container washer or rinsers in concentration of 200 ppm. A sanitizing solution of 200 ppm active quat should be used in an external spraying application for the filler and closing machine.

STORAGE TANK SANITIZING: Recommended for use in storage tanks. A solution of 200 ppm should be applied by spraying or automated cleaning systems. Drain thoroughly. Do not use in automated systems. The used sanitizer solution may not be recycled for other purposes such as cleaning.

STATEMENT OF PRACTICAL TREATMENT
If in eyes, flush with plenty of water. Get medical attention if necessary. Get medical attention if swallowed, drink plenty of water and plenty of solution if these are not available. Drink large quantities of water. Get attention.

NOTE TO PHYSICIAN. Probable mucosal damage may occur if in contact. Measures against circulatory shock, respiratory depression, etc.

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
DANGER

CORROSIVE Causes irreversible eye damage and skin burns. Causes irritation to protected eyes. Wear goggles and face shield when using. Wash thoroughly with plenty of water after contact, especially if on face and when in contact with clothing.

STORAGE AND DISPOSAL
PROHIBITIONS
Do not contaminate water, food, or feed by storage or disposal. Do not reuse empty containers.

PESTICIDE DISPOSAL
Residue wastes are usually hazardous and must be disposed of in accordance with the provisions of Federal law. These wastes may be transported to label instructions, contact your State Pesticide Control Department. Hazardous Waste regulations at the Federal EPA Registry apply.

CONTAINER DISPOSAL
PLASTIC CONTAINERS
Triple rinse or equivalent. Then offer for recycling or reconditioning or in a sanitary landfill, or incineration, or if allowed by state and local officials, burned. Stay out of smoke.

FIBER DRUMS WITH LINERS
Completely empty liner by shaking and tapping sides and bottom. Empty residue into application equipment. Then dispose of liner, incineration if allowed by State and local officials. Residue may be recycled for use of in the same manner.

METAL CONTAINERS
Triple rinse or equivalent. Then offer for recycling or reconditioning or in a sanitary landfill, or by other procedure approved by local officials.

GENERAL
Consult label for state or local disposal authority for application as directed on packaging.

EPA Reg. No. 8325 EPA Reg. No. 8326

M. J. Fine, Inc.
Miscellaneous Corporation
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