

MAY 16 1997

Mr. Leo J. Dringoli
Stepan Company
22 West Fontage Road
Northfield, IL 60093

Dear Mr. Dringoli:

Subject: Acid CD Dairy Cleaner & Sanitizer
EPA Registration No. 1839-51
Your Resubmission Dated January 21, 1997

This is in response to your resubmission of revised labeling for the subject product.

The labeling referred to above submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended is acceptable subject to the following comment.

Revise the "Environmental Hazards" statement to read:

"This pesticide is toxic to fish and aquatic organisms. Do not discharge effluent containing this product into lakes, streams, ponds, estauries, oceans or public waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

A stamped copy is enclosed for your records. Submit one copy of the final printed label.

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

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If you have any questions, please call Marianne Clark at
(703) 308-6381.

Sincerely,



Robert S. Brennis
Acting Product Manager 32
Regulatory Management Branch II
Antimicrobial Division (7510W)

DIRECTIONS FOR USE

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

This product is easily and quickly dispersed in hot or cold water and cleans in water up to 600 ppm of hardness (as calcium carbonate) to form a completely uniform solution.

This product when used at a 1:500 aqueous dilution (200 ppm active quaternary) may be used on food processing and dairy equipment.

CLEANING DAIRY FARM BULK MILK TANKS

As soon as possible after milk has been removed from bulk tanks, rinse tank completely with cold water and allow to drain. Place 4 gallons of warm water (120°F) in tank and add 1 ounce (2 tablespoons) this product to the water in the tank. Scrub tank, mixers and covers and then allow to drain.

SANITIZING MILKING EQUIPMENT AND COW UDDERS

Previously cleaned milking equipment, pails, inflations and tubing should be sanitized prior to milking operations by preparing a 200 ppm solution of active quaternaries by mixing 1 ounce (2 tablespoons) this product in 4 gallons of water. Scrub or dip equipment into the solution for one minute and allow to drain prior to the beginning of the milking operation. Do not rinse equipment with water after treatment.

Use a clean single service towel for each animal to thoroughly wipe udder with the above warm sanitizing solution prior to milking. After washing, wring excess solution from the towel and dry the udder. Never reuse towel or dip used towel back into solution. Never reuse udder wash solution. Always use freshly prepared solutions and non-corrodible utensils.

SANITIZING PREVIOUSLY CLEANED, NON-POROUS SURFACES AND EQUIPMENT IN FOOD, DAIRY, BEVERAGE, MEAT, POULTRY, EGG AND SEAFOOD PROCESS PLANTS: Remove all gross food particles and soil from equipment and surfaces with a good detergent, pre-flush, pre-soak or pre-scrape treatment. Rinse with potable water. Prepare a 200 ppm active quaternary solution by adding 1 ounce of this product to 4 gallons of water, 2.5 ounces to 10 gallons of water, or 5 ounces to 20 gallons of water. Sanitize with this solution by wetting all surfaces thoroughly by application of a coarse spray, flooding, immersion, or brushing. Allow sanitizer solution to contact surface for at least one minute. Drain and allow equipment to air dry. Prepare a fresh solution daily or more frequently as soil is apparent. Test sanitizer periodically with a quaternary tester to maintain 200 ppm active level.

SANITIZING DAIRY PRODUCT DISPENSING EQUIPMENT

Previously cleaned dairy product dispensing equipment should be sanitized by preparing a 200 ppm solution of active quaternaries by mixing 1 ounce this product in 4 gallons of water. Run this solution through the equipment for one minute and allow to drain before use. - For removable parts, clean and dip in 200 ppm solution. Let them air dry. To sanitize immobile items, flood them with a 200 ppm active quat by sponging or spraying for at least 60 seconds and let dry. Do not rinse equipment with water after treatment.

HARD WATER TOLERANCE

This product fulfills the criteria of Appendix F of the Grade A Pasteurized Milk Ordinance 1965 recommendation of the U.S. Public Health Service in waters up to 600 ppm of hardness calculated as calcium carbonate, when tested by the AOAC Germicidal and Detergent/Sanitizing Official Method. Consult your milk inspector or health officers for recommendations on your local program.

Stepan Company
Northfield, IL 60093
EPA Reg. No. 1839-51

(left panel)

ACCEPTED
with COMMENTS
in EPA Letter Dated Amend-12/15/95

MAY 16 1997

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 1839-51

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ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND 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 rubber gloves when handling. Harmful or fatal if swallowed. Avoid contamination of food. Remove contaminated clothing and wash before reuse. Wash thoroughly with soap and water after handling.

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. If swallowed, drink promptly large quantities of water. Avoid alcohol. Call a physician immediately.

NOTE TO PHYSICIAN

Probable mucosal damage may contraindicate the use of gastric lavage.

STORAGE AND DISPOSAL

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

STORAGE - Store in a dry place no lower in temperature than 50°F or higher than 120°F.

CONTAINER DISPOSAL - Do not reuse empty container. Triple rinse empty container with water. Return metal drum then offer for reconditioning or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities. Plastic containers may be disposed of in a sanitary landfill, incinerated, or if allowed by local authorities, by burning. If burned stay out of smoke.

For containers 1 gallon or less: Do not reuse empty container (bottle, can, bucket). Wrap container and put in trash.

PESTICIDE DISPOSAL - Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

ACCEPTED
with COMMENTS
in EPA Letter Dated:

MAY 16 1997

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide
registered under EPA Reg. No. 1839-5/

Stepan Company
Northfield, IL 60093
EPA Reg. No. 1839-51

(right panel)

Amend-12/15/95