

OCT 22 1987

Stepan Company
22 W. Frontage Road
Northfield, ILL 60093

Attn: Veronica M. Colligan

Subject: 10% BTC 2125M Solution
EPA Reg. No. 1839-86
Application dated October 20, 1987

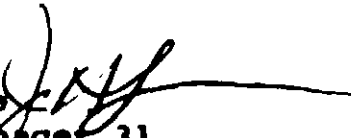
The amendment referred to above, submitted in connection with registration under FIFRA sec. 3(c)(7)(A), is acceptable provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
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 sec. 6(e). Your release for shipment of the constitutes acceptance of these conditions.

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

Sincerely,

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

Enclosure

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

BTC • 2125M 10% solution 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 BTC • 2125M 10% solution with mop, cloth, or sponge or mechanical sprayer so as to wet thoroughly. Allow to remain wet for 10 minutes.

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 BTC • 2125M 10% 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 BTC • 2125M solution 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 ounces BTC • 2125M 10% solution per gallon 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-Recommended for use in restaurants, dairies, food processing plants, bars, etc. Remove all gross food particles and other debris. Then apply BTC • 2125M 10% solution with a cloth or sponge, or mechanical sprayer, so as to wet thoroughly. Allow to remain wet for 10 minutes.

To sanitize previously cleaned and rinsed non-porous food contact surfaces, prepare 200ppm active quaternary solution by adding 1 ounce BTC • 2125M 10% solution to 5 gallons of water, or 2 1/2 ounces to 10 gallons or 5 ounces to 20 gallons of water.

To sanitize food contact surfaces such as tables, chopping blocks, counter tops, flood the area with 200ppm BTC • 2125M solution for at least 10 seconds making sure to wet all surfaces completely. Remove and let air dry. Prepare a fresh solution daily or more frequently as needed.

For sanitization of shell-grade eggs, see attached brochure.

PRECAUTIONARY STATEMENTS

Hazard to Human and Domestic Animals
DANGER

Keep Out Of Reach Of Children. Causes severe eye and skin damage. Do not get in eyes, skin or clothing. Harmful if swallowed. Wear goggles or face shield and rubber gloves when handling. Avoid contamination of food. Remove and wash contaminated clothing.

STATEMENT OF PRACTICAL TREATMENT

In case of contact, immediately flush with plenty of water for at least 15 minutes. For eye contact, a physician should remove and wash all contaminated clothing. For ingestion, induce vomiting with 1-2 cups of water. If unconscious, do not give anything by mouth. Call a physician.

NOTE TO PHYSICIAN

Probable mucous membrane irritation. Use of gastric lavage. Measures against convulsions, shock, respiratory depression and convulsion may be needed.



BTC • 2125M 10% SOLUTION

DISINFECTANT
DEODORIZER

SANITIZER
VIRUCIDE

ACTIVE INGREDIENTS:

n-Alkyl (80% C₁₂, 20% C₁₄, 5% C₁₆, 5% C₁₈)
dimethyl benzyl ammonium chlorides..... 50%
n-Alkyl (45% C₁₂, 55% C₁₄) dimethyl ethylbenzyl
ammonium chlorides..... 50%
INERT INGREDIENTS..... 90.0%
TOTAL 100.0%

ACCEPTED

with COMMENTS
in EPA Letter Dated:

OCT 22 1987

EPA REG. NO 1839-85

Under the Federal Insecticide,

Fungicide, and Rodenticide Act

as amended, for the pesticide

registered under EPA Reg.

1839-86

ONLY FOR SALE TO, USE, AND
STORAGE BY SERVICE PERSONS

KEEP OUT OF REACH OF CHILDREN

DANGER

see side panels for additional precautions
and practical treatment statements

STEPAN COMPANY

22 WEST FRONTAGE ROAD • NORTHFIELD, ILL 60063

EPA Est. No. 1839-IL-01

NET CONTENTS

BEST AVAILABLE COPY

10% BTC • 2125M solution is effective against bacteria, fungi, and viruses in hospitals, dairies, restaurants, bars, etc. used as directed, it is effective against *Escherichia coli* and *Staphylococcus aureus* and *Pseudomonas aeruginosa* listed under the Food, Drug, and Cosmetic Act. A solution of 200ppm active quaternary in potable water rinse.

DISINFECTION-

At 3 oz./5 gal. dilution, disinfectant activity against *Escherichia coli* and *Staphylococcus aureus*.

At 3.5 oz./5 gal. dilution, hospital disinfectant activity against *Pseudomonas aeruginosa*.

VIRUCIDAL ACTIVITY-

environmental, inanimate surfaces. A solution of 200ppm active quaternary in potable water is effective against the flu virus, herpes virus, and mononucleosis. Adenovirus and poliovirus (group).

EFFICACY TESTS HAVE
2125M IS AN EFFECTIVE
THE PRESENCE OF OR

DEODORIZATION-BTC
generally are hard to
storage areas, empty gar-

other areas which are pro-
MOLD & MILDEWSTAT
mold and mildew and the
inanimate surfaces

SANITIZATION-When
cleaned food equipment
quaternaries to 200ppm
RINSE is required

BTC • 2125M is an effective
750 ppm hardness (CaCO₃)

STORAGE
DO NOT CONTAMINATE V
AND DISPOSAL

STORAGE-Store in a dry
or higher than 120 F

CONTAINER DISPOSAL
rinse empty container with
water, then pour into a
by other procedures and
Plastic containers may be
used or, if allowed by local
of smoke

PESTICIDE DISPOSAL-
Improper disposal of this
violation of Federal Law. Use
according to labels. For
Environmental Control Agency
of the United States

HAR 9 '88

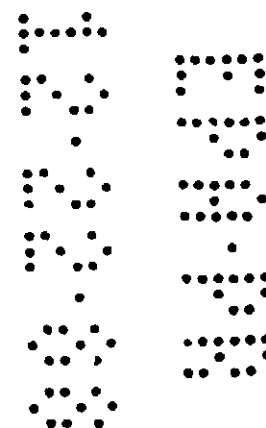
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ADDITIONAL CLAIMS FOR SANITIZATION OF HANDS IN FOOD PROCES-
SING PLACES FOR PRODUCTS IDENTICAL TO 10% BTC 2125M SOLU-
TION, EPA REG. NO. 1839-S6:

SANITIZING HANDS INTENDED FOR FOOD CONTACT

Prior to being sanitized, the hands must be washed and thoroughly rinsed. Prepare a sanitizing solution consisting of 200 ppm active quaternary (1oz of 10% BTC 2125M Solution to 4 gallons of water, or 2 1/2oz to 10 gallons, or 5oz to 20 gallons). Previously cleaned and rinsed hands are then totally immersed into this quat solution. After sanitization, the hands need not be rinsed with potable water.

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