

1/2 1459-94 PM 31

AUG 18 1987

Bullen Chemical Company
Delmar Drive
P.O. Box 37
Folcroft, PA 19032

Attention: Mr. Peter J. Fryatt

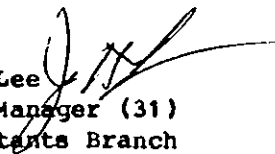
Gentlemen:

Subject: Hi-Sept 400
EPA Registration No. 1459-94
Your Amendment Application Dated March 18, 1987

The labeling referred to above, submitted in connection with the Label Improvement Program Notice for antimicrobial products used as food contact surface sanitizers, is acceptable, and a stamped copy is enclosed for your records.

Also, the submitted certification for the child-resistant packaging requirements and label deletion of the "ONLY FOR SALE TO, USE, AND STORAGE BY SERVICE PERSONS" statement are acceptable. This information has been made a part of your product file.

Sincerely yours,


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

Enclosure

15000:I:Lee:L-14:KENCO:08/11/87:08/20/87:teg:sjh:lf:jh:lisa:sjh:cris

CONCURRENCES

SYMBOL	ORIGINATOR							
SURNAME								
DATE								

OFFICIAL FILE COPY

This product is an effective "one step" cleaner-bactericide-fungicide-virucide which is effective in water up to 400 ppm for dress plus 5% organic soil (5% blood serum).

This product is a phosphate free concentrated detergent/disinfectant which provides effective cleaning, deodorizing, disinfecting, and sanitizing. This detergent/disinfectant has been designed specifically for hospitals, nursing homes, schools, food processing plants and other institutions where bactericiding is of prime importance in controlling the spread of cross contamination.

This product when diluted at the rate of 1/2 ounce per gallon of water is an effective disinfectant against the organism Pseudomonas aeruginosa and meets all requirements for hospital use. When used as directed, this product is formulated to disinfect inanimate hard surfaces such as walls, floors, sink tops, toilet bowls, tables, chairs, telephones and bed frames. For larger areas such as operating rooms, patient care facilities and restrooms, the product is designed to provide both general cleaning and disinfecting.

In addition, this product deodorizes those areas which generally are hard to keep fresh smelling, such as garbage storage areas, empty garbage bins and cans, toilet bowls and any other areas which are prone to odors caused by microorganisms.

DIRECTIONS: At 1/2 ounce per gallon dilution, this product exhibits effective disinfectant activity against the following: *Pseudomonas aeruginosa*, *PSD-10*, *Escherichia coli*, *Bacteriophage* *simulans*, *Legionella pneumophila*, *Streptococcus faecalis*, *Salmonella schultzei*, *Shigella dysenteriae*, *Salmonella choleraesuis*, *Enterobacter aerogenes*, *Streptococcus salivarius*, *Staphylococcus aureus*. At this level the product is also fungicidal against the pathogenic fungi *Trichophyton mentagrophytes*.

VIRUCIDE: The product when used on nonporous, inanimate hard surfaces at 1/2 ounce per gallon of water exhibits effective "virucide" activity against Influenza A2-African (representative of the common flu virus) and Herpes Simplex Type 2 (causative agent of genital infections).

Efficacy tests have demonstrated that this product is an effective bactericide, fungicide and virucide* in the presence of 400 ppm hard water and 5% organic soil (5% blood serum).

USE: **HI-SEPT** - Controls mildew and mold and the odors they cause on hard non-porous inanimate surfaces.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Store only in original container. Do not use empty container. Keep this product under locked storage sufficient to make it inaccessible to children or persons unfamiliar with its proper use.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or residue in 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.

CONTAINER DISPOSAL: (Larger than 1 gal.) - Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedure approved by state and local authorities. In addition, plastic containers may be disposed of by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke. (1 gal. and smaller): Do not reuse empty container. Wrap container and put in trash.

EPA REG. NO. 1459-94

EPA EST. NO. 1459-FA-111

HI-SEPT 400

CLEANER, DISINFECTANT, VIRUCIDE*, MILDEWSTAT, DEODORIZER AND FUNGICIDE* (on hard inanimate surfaces)

EFFECTIVE IN HARD WATER UP TO
400 PPM HARDNESS (CALCULATED
AS Ca CO₃) IN THE PRESENCE OF
ORGANIC SOIL (5% BLOOD SERUM)

KEEP OUT OF REACH OF CHILDREN

DANGER

See side panel for additional precautionary
and practical treatment statements.

NET CONTENTS: 1 U.S. GAL.

ACTIVE INGREDIENTS	
4-AMINO-1,2,4-TRIAZIN-3-OL	5%
2,4-DIAMINOPYRIDINE	15%
2,4-DIAMINO-6-AMINOPYRIDINE	15%
2,4-DIAMINO-6-METHYLPYRIDINE	15%
2,4-DIAMINO-6-METHYL-5-PYRIDINYL METHANOL	15%
2,4-DIAMINO-6-METHYL-5-PYRIDINYL METHANOL	15%
Total 100.00%	

DIRECTIONS:

It is a violation of Federal Law to use this detergent/disinfectant on processing plants, food service equipment.

DIRECTIONS: To disinfect hard surfaces, dilute 1/2 ounce of this product in 1 gallon of water. Allow to remain on surface for 10 minutes. Rinse thoroughly. Allow to dry.

To disinfect toilet bowls, flush the bowl completely using a standard toilet brush.

For heavily soiled areas, a pre-cleaner is recommended.

PRECAUTIONARY STATEMENTS: To avoid eye irritation, avoid contact with eyes. If contact occurs, flush eyes with plenty of water for at least 15 minutes. Call a physician if irritation persists. Wash thoroughly with soap and water.

PRECAUTIONARY STATEMENTS:

DANGER: Keep Out of Reach of Children. If swallowed, do not induce vomiting. If swallowed, call a physician. If inhaled, get fresh air immediately. If on skin, wash with plenty of water. Call a physician if irritation persists. Wash thoroughly with soap and water.

ACCEPTED
with COMMENT.
in EPA Letter Dated:

AUG 18 1987

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

1459-94