

NOV 7 1988

Independence Chemical Company
North Railroad & Essex Streets
Gloucester City, NJ 08030

Attention: David Telefus

Gentlemen:

Subject: INDCO LF-13
EPA Registration No. 4875-22
Your Submission Dated December 14, 1987
EPA Received Date December 21, 1987

The submission referred to above, submitted in connection with the Label Improvement Program Notice for Antimicrobial Products Used as Food Contact Surface Sanitizers, is acceptable provided that you:

1. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling.
 - a. Delete the word "milk."
 - b. In the Note to Physician statement, delete the last two sentences as follows: "Measures against circulatory shock as well as oxygen and measures to support breathing manually or mechanically may be needed." "If persistent, convulsions may be controlled by the cautious intravenous injection of a short-acting barbiturate drug."
2. Submit five (5) copies of your final printed labeling before you release the product for shipment.

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CONCURRENCES

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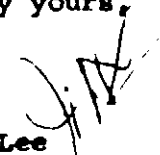
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Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

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

If you have any questions concerning this letter, please contact Miss Karen Leavy at (703) 557-3966.

Sincerely yours,



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

Enclosure

ACCEPTED
with COMMENTS
EPA Letter Dated:

NOV -7 1988

DIRECTIONS FOR USE

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

Indco LF-13 detergent/disinfectant has been designed specifically for hospitals, nursing homes, schools, food processing plants and other institutions where housekeeping is of prime importance.

DISINFECTION: To disinfect hard inanimate surfaces (such as walls, floors, tabletops), add 2 ounces **Indco LF-13** detergent/disinfectant per gallon of water. Apply solution with mop, cloth or sponge or mechanical sprayer so as to wet thoroughly. Allow the surface to remain wet for 10 minutes and then let air dry.

To disinfect floors, flush floor with water, then apply **Indco LF-13** detergent/disinfectant directly to the floor with mop or brush. Use the solution using a scrub brush until the floor is thoroughly wet. Allow the floor to stand for 10 minutes and flush.

For heavily soiled areas, a pre-soak is recommended. Prepare a fresh solution of **Indco LF-13** detergent/disinfectant.

MILDEWSTAT: To control mold and mildew on the walls, floors, and other non-porous surfaces, such as walls, use **MILDEWSTAT** 3000. Prepare a solution of water. Apply solution with mop, cloth or sponge, making sure to wet all surfaces completely. Prepare a fresh solution for each use. Repeat application at intervals of when mildew growth becomes a problem.

PRECAUTIONARY STATEMENTS

HAZAROUS TO HUMANS AND DOMESTIC ANIMALS

DANGER

KEEP OUT OF REACH OF CHILDREN. Causes severe eye and skin damage. Do not get in eyes, on skin or on clothing. Wear goggles, face shield and rubber gloves when handling. Harmful if swallowed. Avoid contamination of food.

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. Remove and wash contaminated clothing before reuse.

If swallowed, drink promptly a large quantity of milk, egg whites, gelatin solution or if these are not available, drink large quantities of water. Avoid alcohol. Call a physician immediately.

NOTE TO PHYSICIAN

Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock as well as oxygen and measures to support breathing manually or mechanically may be needed. If persistent convulsions may be continued by the cautious intravenous injection of a short-acting barbiturate drug.

Under the Federal Insecticide, Fungicide, and Rodenticide Act



DETERGENT/DISINFECTANT

CLEANER
DETERGENT
DEODORIZER

DISINFECTANT
FUNGICIDE (against
pathogenic fungi)
VIRUCIDE

MILDEWSTAT on hard inanimate
surfaces

ACTIVE INGREDIENTS

1,2-Dichloroethane 10.0%

1,3-Dichloropropane 10.0%

1,4-Dichlorobenzene 10.0%

1,1,1-Trichloroethane 10.0%

1,1,2-Trichloroethane 10.0%

1,1,2,2-Tetrachloroethane 10.0%

1,1,2,2,3-Pentachloroethane 10.0%

1,1,2,2,3,3-Hexachloroethane 10.0%

1,1,2,2,3,3,4-Heptachloroethane 10.0%

1,1,2,2,3,3,4,4-Octachloroethane 10.0%

1,1,2,2,3,3,4,4,5-Nonachloroethane 10.0%

1,1,2,2,3,3,4,4,5,5-Decachloroethane 10.0%

1,1,2,2,3,3,4,4,5,5,6-Undecachloroethane 10.0%

1,1,2,2,3,3,4,4,5,5,6,6-Dodecachloroethane 10.0%

1,1,2,2,3,3,4,4,5,5,6,6,7-Tridecachloroethane 10.0%

1,1,2,2,3,3,4,4,5,5,6,6,7,7-Tetradecachloroethane 10.0%

1,1,2,2,3,3,4,4,5,5,6,6,7,7,8-Pentadecachloroethane 10.0%

1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-Hexadecachloroethane 10.0%

1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9-Heptadecachloroethane 10.0%

1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9-Octadecachloroethane 10.0%

1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10-Nonadecachloroethane 10.0%

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1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11-Hentriacontachloroethane 10.0%

1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11-Triacontachloroethane 10.0%

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1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12,12,12,12,12,12,12,12,12,12,12,12,12,12,12,12,12-Triacontachloroethane 10.0%

INDEPENDENT CHEMICAL COMPANY
GLOUCESTER, NEW JERSEY 08030

BEST AVAILABLE COPY

Indco LF-13 is a phosphate free disinfectant which provides effective disinfection.

Indco LF-13 is designed specifically for hospitals, processing plants and other prime importance in controlling infection.

Indco LF-13 is a phosphate free disinfectant which provides effective disinfection against bacteria and molds all require directed **Indco LF-13** is formulated for use on hard inanimate surfaces such as walls, floors, telephones and bed frames, rooms, patient care facilities to provide both general disinfection.

In addition **Indco LF-13** disinfectant are hard to keep fresh smell, empty garbage bins and can which are prone to odors can be disinfected.

DISINFECTION: At 2 ounces per gallon of water, **Indco LF-13** is effective against *Pseudomonas aeruginosa*, *Escherichia coli*, *Klebsiella pneumoniae*, *Salmonella schultzei*, *Salmonella choleraesuis*, *Streptococcus salivarius*. At this level the product is also effective against *Trichophyton mentagrophytes*.

VIRUCIDAL ACTIVITY: The **Indco LF-13** disinfectant is effective virucidal activity against the common flu virus, rebooster and mononucleosis agent, upper respiratory serotype of the pox virus.

EFFICACY TESTS HAVE DETERMINED EFFECTIVE BACTERICIDE, PRESENCE OF ORGANIC MATTER.

MOLD and MILDEWSTAT: **Indco LF-13** disinfectant and mildew and the mold on inanimate surfaces.

STORAGE: **Indco LF-13** disinfectant should be stored in a dry place or higher than 120°F.

PESTICIDE DISPOSAL: Improper disposal of excess **Indco LF-13** disinfectant is a violation of Federal Law. Use according to label instructions. Environmental Control Agency at the nearest EPA office.

CONTAINER DISPOSAL: Rinse empty container with water, recleaning or puncture other procedures approved by local authorities may be disposed of or allowed by local authorities.