

Reg # 11725-8

PM-32

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OCT 26 1990

Bio-Tek Industries, Inc.
1275 Ellsworth Industrial Drive NW.
Atlanta, GA 30313

Gentlemen:

Subject: TEK-PHENE CLEANER - DISINFECTANT - DEODORANT
EPA Registration No. 11725-8
Your Resubmission Dated September 26, 1990

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable. A stamped copy is enclosed for your records. Five copies of the finished labeling must be submitted before you release the product for shipment.

If you have any further questions, please contact Ms. Barbara Pringle at (703) 557-0464.

Sincerely yours,

WCF

Walter C. Francis
Acting Product Manager (32)
Antimicrobial Program Branch
Registration Division (117505C)

Enclosure

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61974:I:Pringle:L32-7:KENCO:10/24/90:11/24/90:DD:vo:ek:de

CONCURRENCES

SYMBOL	11725-8						
SURNAME	Pringle						
DATE	10-25-90						

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FRONT PANEL

TEK-PHENE

CLEANER * DISINFECTANT * DEODORANT
STAPHYLOCIDAL * PSEUDOMONOCIDAL * SALMONELLACIDAL
TUBERCULOCIDAL * VIRUCIDAL⁺
FUNGICIDAL * CONDUCTIVE * BIODEGRADABLE⁺⁺

ACTIVE INGREDIENTS:

1. para-tertiary-Amylphenol	10.0%
2. ortho-Benzyl-para-chlorophenol	6.5%
3. ortho-Phenylphenol	6.0%

INERT INGREDIENTS:

77.5%
Total 100.0%

EPA REG. NO. 11725-8

EPA EST. NO. 11725-GA-1

KEEP OUT OF REACH OF CHILDREN

DANGER

PRECAUTIONARY STATEMENTS:

Hazards to Humans and Domestic Animals

Danger. Corrosive. Causes eye and skin damage or skin irritation. Do not get in eyes, on skin or on clothing. Wear goggles or face shield and rubber gloves when handling. Harmful or fatal if swallowed.

STATEMENT OF PRACTICAL TREATMENT

FIRST AID: In case of contact, immediately flush eyes or skin with plenty of water. For eyes, call a physician. Remove and wash contaminated clothing before reuse. If swallowed, drink promptly large quantities of water. Avoid alcohol and call a physician.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.

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TEK-PHENE has been tested by Hood Patterson-Dewar, Electrical Testing Engineers, for its effect on conductive flooring. The method used conforms to the specifications known as NFPA Standard No. 56A, published by the National Fire Protection Association, Second Edition, 1987. TEK-PHENE meets the requirement of NFPA 56A.

Manufactured by:

BIO-TEK INDUSTRIES, INC.
LOGO 1275 Ellsworth Industrial Dr., NW;
Atlanta, GA 30318, USA
Telephone (404) 351-7048 Telex: 671-2844
FAX: 4043529091

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LEFT PANEL

DESCRIPTION

TEK-PHENE is a synthetic detergent with wide spectrum kill of gram positive and gram negative microorganisms, provides good cleaning and disinfecting in one operation, non-flammable and non-volatile in use dilutions and excellent solubility.

**After this product's use as a disinfectant, it will biodegrade in sewage systems and/or the environment.

The TEK-PHENE foaming detergent system has been especially formulated to provide cleaning, wetting and penetration of soils and organic matter and easy rinsing of surfaces. Good foam is obtained at 1/2 oz. per gallon of water (1:256) to provide prolonged contact time.

TEK-PHENE at 1/2 ounce per gallon of water (1:256) provides residual control of odor causing bacteria in the presence of moisture.

TEK-PHENE is recommended for use when used as directed on ceramic and glazed tile surfaces, stainless steel, aluminum, chrome, galvanized metal, glass, and other non-porous surfaces such as treated wood, polyethylene, polypropylene, PVC (polyvinyl chloride), polystyrene, vinyl, fiberglass, viton, ethylene propylene, nitrile, acrylic and polyurethane.

TEK-PHENE at 1/2 oz. per gallon of water (1:256) is ideally suited for disinfecting and cleaning in all areas of Hospitals, Medical Research Centers, Health Care Facilities, Schools, Animal Care Facilities and Research Centers, Laboratories, Veterinary Facilities, Zoos, Kennels and Swine Operations. In Poultry and Turkey barns, Breeder and Laying Operations, Poultry House Grow-out Operations, Hatcheries -- in hatchers and setters, humidifying systems and ceiling fans, live haul equipment, chick busses, transfer trucks, trays, coop washing, polyethylene chick boxes, foot pans and feed bins.

TEK-PHENE is recommended for use in fogging (wet misting) operations as an adjunct either preceding or following regular cleaning and disinfecting procedures. The recommended dilution is 1/2 oz. per gallon of water (1:256). Set the automatic timer on the BIO-TEK Fogger, fog for 6 minutes for 1,000 cu. ft. - leave the room. Allow at least 2 hours before entering area that has been fogged. All food and food packaging items must be removed or carefully protected. Treated food contact surfaces must be thoroughly scrubbed with TEK-PHENE at 1/2 oz. per gallon (1:256) and rinsed with potable water prior to reuse.

Toxicity tests required by the U.S. Environmental Protection Agency for TEK-PHENE CLEANER-DISINFECTANT-DEODORANT have been done, in conformity with the FDA and EPA Good Laboratory Practice Regulations.

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Proven effective as a disinfectant by the following tests:
A.O.A.C. (use dilution test method) in conformance with the the
14th Edition 1984. All dilutions at 1:256. The following organ-
isms tested at 1000 ppm water hardness as calcium carbonate and
10% horse serum (as organic soil):

Mycobacterium bovis (BCG) ATCC #35743
A.O.A.C. Tuberculocidal Test

Staphylococcus aureus, Methicillin resistant ATCC #25923

Staphylococcus aureus ATCC #6538

Salmonella paratyphi B ATCC #9281

Salmonella typhimurium ATCC # 13311

Salmonella schotmeulleri ATCC # 8759

Klebsiella Pneumoniae ATCC #4352

Streptococcus pyogenes ATCC #19615

Shigella sonnei ATCC # 25931

Enterobacter aerogenes ATCC #13048

+ The following Viruses tested in accordance with U.S.
Environmental Protection Agency Pesticide Assessment Guidelines
on inanimate environmental surfaces. Tested at 1000 ppm water
hardness as calcium carbonate and 10% horse serum (as organic
soil):

Human Immunodeficiency Virus, HTLV-III_B strain of HIV-1
(AIDS virus)

Vaccinia Virus ATCC # VR-325

Human adenovirus ATCC # VR-5

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TEK-PHENE has also been tested according to A.O.A.C. use dilution
test methods and proven effective as a disinfectant against the
following organisms at 500 ppm water hardness as calcium carbon-
ate and 5% horse serum (as organic soil):

Trichophyton mentagrophytes ATCC #9533
A.O.A.C. Fungicidal Test

Salmonella choleraesuis ATCC #10708

Pseudomonas aeruginosa ATCC #15442

Escherichia coli ATCC #11229

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All tests were in conformance with the the 14th Edition 1984. All dilutions were tested at 1:256.

*The following Viruses tested in accordance with U.S. Environmental Protection Agency Pesticide Assessment Guidelines on inanimate environmental surfaces. Tested at 500 ppm water hardness as calcium carbonate and 5% serum (as organic soil):

Herpes simplex Type 1

Human Influenza A/Hong Kong Virus

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GENERAL USE DIRECTIONS:

TEK-PHENE is effective against all organisms listed at 500 ppm water hardness and 5% organic soil. NOTE: TEK-PHENE is also effective against a number of organisms (identified in the left label panel) under the more stringent conditions of 1000 ppm water hardness and 10% organic soil.

1. To clean, disinfect and deodorize walls, floors, tables, drinking fountains, sinks, refrigerators, stoves, restroom fixtures, and garbage cans: Remove gross filth and heavy soil with a preliminary cleaning step prior to application of TEK-PHENE. Apply solution of 1/2 oz. of TEK-PHENE per gallon of water (1:256) with a sponge, mop, mechanical spray device or foaming apparatus, making sure that all surfaces are wetted thoroughly. Allow surface to remain wet for 10 minutes.

2. To clean and disinfect such articles as combs, brushes, razors, scissors, instruments and rubber goods: Wipe articles clean and soak for 10 minutes in a solution containing 1/2 oz. TEK-PHENE per gallon of water (1:256).

3. To disinfect fabrics such as sheets, linens, aprons and uniforms: First rinse to remove gross filth or heavy soil, then soak for 10 minutes in a solution containing 1/2 oz. of TEK-PHENE per gallon of water (1:256).

4. To clean gross filth or heavy soil on surfaces prior to disinfection, use 1/2 oz. of TEK-PHENE per gallon of water (1:256).

DIRECTIONS FOR USE IN POULTRY HOUSE AND FARM PREMISE:

Do not use in milking stalls, milking parlors, or milk houses.

1. Remove all poultry, animals, and feed from the premises.
2. Remove all trucks, coops, crates, water troughs and feed racks.
3. Remove all gross soil, litter, manure, droppings from animals and poultry from floors, walls and surfaces of bars, pens, stalls, chutes and other facilities and fixtures occupied or traversed by animals and poultry.
4. Thoroughly clean and saturate all surfaces with a solution of 1/2 oz. of TEK-PHENE per gallon of water (1:256), using conventional spraying methods.
5. Allow to remain in contact for at least ten minutes.

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6. Immerse halters, ropes and other types of equipment used in handling and restraining animals, forks, shovels, scrapers used for removing litter and manure, in a solution of TEK-PHENE at 1/2 oz. per gallon of water (1:256). Allow to remain in contact for 10 minutes.

7. Thoroughly scrub treated feed racks, troughs, automatic feeders, fountains, waterers, and mangers with a solution of TEK-PHENE at 1/2 oz. per gallon of water (1:256). Rinse with potable water before reuse.

8. Ventilate buildings, coops and other closed spaces. Do not house poultry or livestock or employ equipment until treatment has been absorbed, set or dried.

STORAGE AND DISPOSAL

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. Do not contaminate water, food or feed by storage or disposal.

Container Disposal - Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Net Contents _____ U.S. Gallons