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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

09 AUG 1993

Dr. Joseph M. Kelley
Pettibone Laboratories, Inc.
136 Central Avenue
Clark, NJ 07066

Subject: Cryocide-20
EPA Registration No. 10589-4
Your Submission Dated September 11, 1992

Dear Dr. Kelley:

This is in regard to your product labeling, re-submitted in response to the Agency letter dated August 28, 1992, amended to include poultry house and farm premise use directions.

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 comment below. A stamped copy is enclosed for your records.

Submit five copies of the finished labeling before you release the product for shipment bearing the amended labeling.

If you have any questions about this letter, you may call Wallace Powell at 703-305-6938.

Sincerely,



Ruth G. Douglas
Product Manager (32)
Antimicrobial Program Branch
Registration Division (H-7504C)

Enclosure

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

EPA Form 1320-1A (1/90) Printed on Recycled Paper OFFICIAL FILE COPY

CRYOCIDE-20

Broad-Spectrum

HOSPITAL DISINFECTANT

• BACTERICIDAL • FUNGICIDAL (Pathogenic) • PSEUDOMONICIDAL • VIRUCIDAL •
ODOR COUNTERACTANT

- Human Immunodeficiency Virus Type 1 (HIV-1) (AIDS Virus)
 - Herpes Simplex Virus Type 1 and 2 • Influenza A₂ (Hong Kong - 68) Virus
- On Inanimate Environmental Surfaces

ACTIVE INGREDIENTS:

Chlorine Dioxide0.72%

Didecyl Dimethyl

Ammonium Chloride0.40%

INERT INGREDIENTS: 98.88%

KEEP OUT OF REACH OF CHILDREN

CAUTION

See additional precautionary statements on back.

EPA Reg. No. 10589-4

EPA Est. 9150-R1-1

U.S. and Foreign Patents Issued and Pending.

NET CONTENTS ONE GALLON - (128 Fl. oz.) (3.78 LITERS)

ACCEPTED
with COMMENTS
in EPA Letter D-2002

09 AUG 1993

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide
registered under EPA Reg. No.
10589-4

CRYOCIDE-20

Broad-Spectrum

HOSPITAL DISINFECTANT

Bactericidal • Fungicidal (Pathogenic)

• Pseudomonocidal • Virucidal

• Human Immunodeficiency Virus Type 1 (HIV-1) (AIDS Virus)

• Herpes Simplex Virus Type 1 and 2 • Influenza A₂

(Hong Kong - 68) Virus • Odor Counteractant

On Inanimate Environmental Surfaces

BEST AVAILABLE COPY

CRYOCIDE-20 provides broad-spectrum efficiency and economy for commercial, institutional, industrial and agricultural disinfection. CRYOCIDE-20'S ability to OXIDIZE MALODORS offers a definite plus to its disinfecting activity.

DIRECTIONS FOR USE: It is a violation of Federal law to use this product in a manner inconsistent with its labeling. CRYOCIDE-20 is effective for disinfection of hard non-porous surfaces, at room temperature (20° - 25°) in the presence of moderate amounts of organic soil. Remove gross filth and heavy soil prior to application. For general disinfection, apply CRYOCIDE-20 full strength to surface, wetting thoroughly with sponge, mop, spray, or by immersion in solution, and allow to remain wet for 10 minutes, and wipe dry. Although CRYOCIDE-20 destroys HSV-1 and 2 (Herpes virus) and HIV-1 (AIDS virus) within 30 seconds of contact (see Special Instructions below) this contact time will not control other common types of viruses and bacteria.

SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV OF SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUIDS that involve healthcare settings or other settings in which there is an expected likelihood of soiling of inanimate surfaces/objects with blood or body fluids and in which the surfaces/objects soiled with blood or body fluids can be associated with the transmission of HIV-1: CRYOCIDE-20 destroys HIV-1 on pre-cleaned environmental surfaces/objects previously soiled with blood or other body fluids in 30 seconds contact. **PERSONAL PROTECTION:** The worker should wear disposable latex gloves, gown, mask and eye protection to prevent contamination from soiled items. **CLEANING PROCEDURE:** Blood and other body fluids must be thoroughly cleaned from surfaces and objects before application of CRYOCIDE-20. **CONTACT TIME:** Allow CRYOCIDE-20 to contact treated items for 30 seconds. This contact time will not control other common types of viruses and bacteria. **DISPOSAL OF INFECTIOUS MATERIALS:**

REALS: Any blood and other body fluids should be autoclaved and disposed of according to local regulations for infectious waste disposal.

SUGGESTED USES: For use on non-food, hard surfaces such as glass, plastic, chrome, floors, examining tables and toilets in - • Hospitals • Nursing Homes • Institutions & Public Places • Meat Packing Plants • Fish Processing Plants • Poultry Processing Plants • Poultry Hatcheries • Industrial Processing Plants • Canses • Food Processing Plants.

STORAGE & DISPOSAL: Store in original closed container in a cool, dry place away from heat and open flame. **DISPOSAL:** Do not contaminate water, food or feed by storage or disposal. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. For container disposal, note when (or equivalent), then place in trash receptacle. **PRECAUTIONARY STATEMENTS Hazards to Human & Domestic Animals - CHUTTING:** Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Avoid contamination of food.

STATEMENT OF PRACTICAL TREATMENT - If in Eyes: Flush with plenty of water. Get medical attention if irritation persists. **If Swallowed:** Drink promptly a large quantity of WATER. **AVOID ALCOHOL. CALL A PHYSICIAN IMMEDIATELY.**

NOTE TO PHYSICIAN: Possible mucosal damage may contraindicate the use of gastric lavage. If On Skin: Flush with plenty of soap and water.

Disclosed by

PETTIBONE LABORATORIES, INC., 136 Central Ave., Clark, NJ 07066

(INSERT) USE.
POULTRY HOUSE & FARM PREMISE DIRECTIONS
A

3 4 3
(DRAFT LABEL)

POULTRY HOUSE AND FARM PREMISE USE DIRECTIONS

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 barns, pens, stalls, chutes, hatchers and other facilities and fixtures occupied or traversed by animals and poultry.
4. Empty all troughs, racks and other feeding and watering appliances.
5. Thoroughly clean all surfaces with soap or detergent and rinse with water.
6. Saturate surfaces with CRYOCIDE 20 at full strength for a period of 10 minutes.
7. Immerse all halters, ropes and other types of equipment used in handling and restraining animals, as well as forks, shovels and scrapers used for removing litter and manure in CRYOCIDE 20 disinfectant at full strength. Allow to remain in contact for 10 minutes.
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.
9. Thoroughly scrub all treated feed, racks, mangers, troughs, automatic feeders, fountains and waterers with soap or detergent, and rinse with potable water before reuse.

ACCEPTED
with COMMENTS
in EPA Letter D-2222

09 AUG 1993

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, registered under EPA Reg. No. 10589-4