

## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

MAR 22 1990

Pettibone Laboratories  
126 Central Avenue  
Clark, NJ 07066

Subject: Cryocide-20  
EPA Registration Number 10589-4  
Your Submission Dated December 8, 1989

This is in response to your request to amend the registration of the subject product to include labeling revisions.

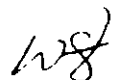
The amendment referred to above submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, is acceptable provided that you:

- o Submit five (5) copies of the final printed labeling for inclusion in the product file.

Your release for shipment of the product bearing the amended labeling constitutes acceptance of this condition.

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

Sincerely yours,



Walter C. Francis  
Acting Product Manager (32)  
Antimicrobial Program Branch  
Registration Division (H7505C)

60857:I:Douglas:K-15:KENCO:3/20/90:4/20/90:EK:sw:vo:dg

## CONCURRENCES

|         |  |  |  |  |  |  |  |
|---------|--|--|--|--|--|--|--|
| SYMBOL  |  |  |  |  |  |  |  |
| SURNAME |  |  |  |  |  |  |  |
| DATE    |  |  |  |  |  |  |  |

CRYOCIDE-20

Broad-Spectrum

HOSPITAL DISINFECTANT

Bactericidal • Fungicidal (Pathogenic) • Pseudomonicidal • Virucidal†

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

• Herpes Simplex Virus Type 1 and 2 • Influenza A<sub>2</sub> (Hong Kong-68) Virus

On Inanimate Environmental Surfaces

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

Odor Counteractant      Odor Eliminator

MAR 22 1990

Disinfects                      Deodorizes

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

ACTIVE INGREDIENTS:

|  |       |
|--|-------|
| Chlorine Dioxide .....                   | 0.72% |
| Didecyl Dimethyl Ammonium Chloride ..... | 0.40% |
| Isopropanol .....                        | 1.00% |

INERT INGREDIENTS ..... 97.88%

10589-4

Keep Out of Reach of Children

C A U T I O N

See additional precautionary statements on back.

EPA Reg. No. 10589-4

EPA Est. 41260-NY-1

EPA Est. 61263-NA-1

NET CONTENTS: 0.7 FL. OZ., 8 FL. OZ., 32 FL. OZ. AND ONE GALLON

PETTIBONE LABORATORIES  
136 Central Avenue  
Clark, NJ 07066

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CRYOCIDE-20 provides broad-spectrum efficiency and economy for household, commercial, institutional, industrial and agricultural disinfection. CRYOCIDE-20's ability to oxidize malodors offers a definite plus to its disinfecting activity.

CRYOCIDE-20 is the perfect personal disinfectant for public places, schools, offices, buses, planes, trains, vending machines and any place where a disinfectant or air deodorant is needed. Excellent for use on telephones, public toilets restrooms, washrooms, sinks, bathtubs and showers, locker rooms, athletic shoes, hampers, pet areas, diaper pails and any place disinfection or odor control is desired. Fights germs on contact before you make contact. For the things you share with strangers.

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

**Kills the following:**

| Class of Organism | Organisms Tested  |  |
|-------------------|---|--|
| Bacteria          | Staphylococcus aureus<br>Pseudomonas aeruginosa<br>Salmonella choleraesuis        | <p>ACCEPTED<br/>with COMMENTS<br/>in EPA Letter Dated:<br/><br/>MAR 22 1990</p> <p>Under the Federal Insecticide,<br/>Fungicide, and Rodenticide Act<br/>as amended, this product<br/>registered under FIFRA Reg. No.<br/><u>10589-4</u></p> |
| Fungi             | Tricophyton mentagrophytes  |  |
| Virus             | Influenza A2 (Hong Kong-68) Virus<br>Herpes HSV-1 and HSV-2<br>HIV-1 (AIDS virus) |  |
| Spores            | Clostridium Perfringens   |  |

**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°C) 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 by sponge, mop or spray, (as appropriate) to wet all surfaces thoroughly, allow to remain wet for 10 minutes and wipe dry. Although Cryocide-20 destroys HSV-1 and HSV-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.

For control of molds and mildew on hard surfaces: Clean surface with soap and water prior to application. Then sponge, mop or spray (as appropriate) surface until thoroughly moistened. Allow to air dry. Repeat as needed.

**SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV OF SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUIDS** that involve health care 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:** Any blood and other body fluid should be autoclaved and disposed of according to local regulations for infectious waste disposal.

**STORAGE** Store in original closed container in a cool, dry place away from heat and open flame. **DISPOSAL:** Do not reuse empty container. Wrap container and discard in trash.

#### **PRECAUTIONARY STATEMENTS**

##### **Hazards to Humans & Domestic Animals**

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

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

MAR 22 1990

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

10584-4

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