

APR 15 1991

Pettibone Laboratories, Inc.  
136 Central Avenue  
Clark, NJ 07066

Attention: Joseph M. Kelley  
Director of Operations

Gentlemen:

Subject: Cryocide-20  
EPA Registration No. 10589-4  
Your Submission Dated February 28, 1991

This is in response to your submission of revised labels to reflect the removal of isopropanol from the active ingredients and inclusion of it in the inert ingredient declaration of this product's formulation. The labeling also reflects the removal of the organism *Clostridium "Perfringens."*

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

1. Make the following labeling revision before you release the product for shipment bearing the amended labeling:
  - Revise the ingestion statement to read as follows (as indicated on previous label submission):

If Swallowed: Drink promptly a large quantity of water. Avoid alcohol. Call a physician immediately.

2. Submit the revised final printed labeling for inclusion in the product file.

50983:I:Douglas:C.Disk:KEVRIC:04/03/91:CL:WO:EK:CL

CONCURRENCES

SYMBOL							
SURNAME							
DATE							

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 in this regard, please contact Ms. Ruth Douglas at (703) 557-3842.

Sincerely yours,



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

Enclosure

**BEST AVAILABLE COPY**

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

APR 15 1991

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

10589-4

# 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 A<sub>2</sub> (Hong Kong - 68) Virus  
On Inanimate Environmental Surfaces

### ACTIVE INGREDIENTS:

Chlorine Dioxide .....0.72%  
Didecyl Dimethyl  
Ammonium Chloride .....0.40%

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-RI-1

U.S. and Foreign Patents Issued and Pending.

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

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# **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 A<sub>2</sub>**

**(Hong Kong - 68) Virus • Odor Counteractant**

**On Inanimate Environmental Surfaces**

**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, 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:**

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.

**DISPOSAL:** 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 • Dairies • 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, triple rinse (or equivalent), then place in trash receptacle. **PRECAUTIONARY STATEMENTS Hazards to Human & 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 milk, egg whites, gelatin solution, or, if these are not available, drink large quantities of water. Avoid alcohol.

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

Distributed by

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

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