

PM 31

3837-5

11/17/99

Page 1 of 4

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Lubar Chemical Company
1700 Campbell
P.O. Box 410588
Kansas City, MO 64141-0588

NOV 17 1999

Subject: Krystal
EPA Registration No. 3837-5
Letter Dated August 10, 1999

Attn: Terry L. Hsll
Technical Director

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable.

A stamped copy of the label is enclosed for your records. Submit one (1) copy of the final printed label before this product is released for shipment. According to the Label Review Manual (2nd Edition), Chapter 6, the ingredient statement should be revised to reflect the following:

Active Ingredient:
Inert Ingredient:
Total100%

Please make the above changes to the label. If you have any questions concerning the comments in this letter, you should contact Zenobia Jones at (703) 308-6198.

Sincerely,



Velma Noble
Product Manager 31
Regulatory Management Branch 1
Antimicrobial Division (7510W)

CONCURRENCES							
SYMBOL	7510W						
SURNAME	Zenobia Jones						
DATE	11-17-99						

KRYSTAL

***GERMICIDE *FUNGICIDE**
***DISINFECTANT *DEODORANT**

NEW HARD WATER EFFICIENCY

Effective in water up to 850ppm according to recently revised Appendix F of the U.S.P.H.S. milk ordinance and code.

Active Ingredients:

n-Alkyl (C14 50%, C12 40%, C16 10%,)	
dimethyl benzyl ammonium chloride.....	10%
Inert Ingredients	90%
	100%
Phenol Coefficients(A.O.A.C. method 20°C.)	
Salmonella typhosa.....	35
Micrococcus pyogenes var. aureus.....	50

KEEP OUT OF REACH OF CHILDREN

CAUTION

See side panel for additional precautionary statements

EPA Reg. No. 3837-5
EPA Est. No. 3837-MO-1

NET CONTENTS: _____

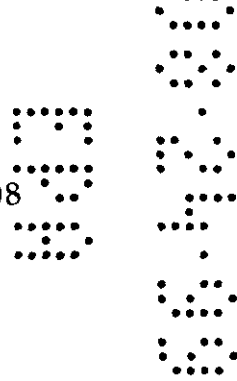
ACCEPTED
with COMMENTS
In EPA Letter Dated:

NOV 17 1999

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

3837-5

LUBAR CHEMICAL COMPANY
1700 CAMPBELL • KANSAS CITY MO 64108
(center - panel)



PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION: Keep out of reach of children. Avoid contamination of food. Harmful if swallowed. Avoid contact with skin and eyes.

STATEMENT OF PRACTICAL TREATMENT

In case of eye contact, flush copiously with water. If eye irritation persists, call a physician. In case of skin contact wash with plenty of soap and water. If swallowed drink large quantities of water. Do not induce vomiting. Call a physician immediately.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty container.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Disposal:

Plastic Containers:

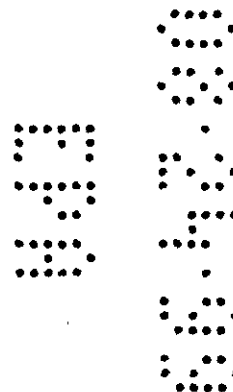
Triple rinse(or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

ACCEPTED
with COMMENTS
in EPA Letter Dated:

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(left panel)

LUBAR CHEMICAL COMPANY
1700 CAMPBELL • KANSAS CITY MO 64108
EPA REG. # 3837-5



DIRECTIONS FOR USE GENERAL CLASSIFICATION

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. In all cases clean surfaces prior to application of solutions recommended. Food Processing and dairy equipment, treated as directed, should be rinsed with potable water prior to use.

Sanitization of Dairy Equipment: Clean and rinse thoroughly. Then immerse in sanitizing solution diluted 1 ounce of disinfectant per 4 gallons of water. Milk cans and other equipment should be air dried. The same dilution is also recommended for flank and udder washing prior to milking.

Sanitization of Equipment in Food Processing Plants, Including Meat Plants: Clean and rinse equipment thoroughly. Then, scrub with a solution of 1 ounce disinfectant per 4 gallons of water. Flush equipment with a clear water rinse before re-use. On surfaces difficult to clean completely, (such as meat cutting boards) increase strength of sanitizing solution to 1 ounce to 1 gallon of water. Mold control of walls, ceiling, etc., in Food Plants: Clean thoroughly, rinse then spray or sponge with solution containing 1 ounce disinfectant per gallon of water.

Disinfection and Sanitation of Fabrics: Agitate in solution containing 1 ounce of disinfectant per gallon of water to disinfect clothing and linens. Fabric may be rendered bacteriostatic by immersing in a solution containing 1 ounce of disinfectant per 4 gallons of water. This quantity is sufficient for treatment for 10 pounds of fabric.

Disinfection of Rubber Goods: Clean thoroughly, then soak in solution diluted as 1 ounce of disinfectant per 2 gallons of water. Soak for 10 minutes. Non-flammable, Non-volatile, Odorless. Directions: Do not mix with soap or synthetic detergents. Article to be disinfected should first be washed and rinsed.

General Disinfection in Hospitals, Public Rooms, and at Home: Apply solution containing 1 ounce of disinfectant per 1 gallon of water, freely to surfaces.

Disinfection of Barber Shop and Beauty Parlor Equipment: Clean thoroughly, then soak combs, brushes, razors, etc., for 10 minutes in a solution of 1 ounce of disinfectant per 1 gallon of water.

Sanitization of Glassware, Silverware, Dishes, Cooking Utensils, etc.: Clean with a suitable detergent, rinse thoroughly, then dip in sanitizing solution rinse made up of 1 ounce of disinfectant per 4 gallons of water, and air dry.

DO NOT USE A TOWEL.

Deodorizing Directions

- KRYSTAL is effective at eliminating odors, particularly in water damage restoration. KRYSTAL is suitable for porous and semi-porous materials such as carpets, carpet cushion, subfloors, drywall, trim and frame lumber, tackless strip, and paneling, as well as wet cleanable upholstery, bedding and fabrics. Using solutions recommended, saturate affected materials with KRYSTAL. Use proper ventilation. Upon dilution product will treat 50 to 100 square feet of carpet. Use following guidelines to determine dilution ratio.

Sewer Backup & River Flooding: During mitigation procedures, dilute 1-4 ounces of KRYSTAL per gallon of water allowing for the diluting effect of absorbed water within saturated materials. Saturate all affected areas with a sprayer using a course spray tip, before and after cleaning and extraction.

Hard Non-Porous Materials: Dilute 1 ounce of KRYSTAL per gallon of water. Using a sprayer or clean applicator, apply to clean hard surfaces such as floors, cabinets, appliances, fixtures, and furniture.

Carpets, Carpet Cushion and Other Porous Materials: For water damage from a clean water source, extract excess water. Test hidden area for color-fastness. Dilute 1-4 ounces of KRYSTAL per gallon of water, allowing for the diluting effect of absorbed water within saturated materials. Apply directly with a sprayer using a course spray tip, to fully saturate affected materials. Agitate into the materials and follow with a thorough extraction. Dry rapidly and thoroughly.

LUBAR CHEMICAL COMPANY
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EPA REG. # 3837-5

(right panel)

NOV 17 1999
Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 3837-5