

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

JUN 26 2003

Ms. Olivia Laird
Agent for NV CID Lines
Laird's Regulatory Consultants, Inc.
501 South Lincoln Ave.
Sterling, VA 20164

Subject: Virocid
EPA Registration No. 71355-1
Amendment Date: April 7, 2003
EPA Receipt Date: April 16, 2003

Dear Ms. Laird,

The following amendment submitted in connection with registration under FIFRA, as amended, is acceptable with the conditions listed below.

- Response to Agency letter dated December 19, 2002

Conditions

Revise the label as follows:

1. Under the "Storage and Disposal" instructions, bold the subheadings, "**Pesticide Storage**," "**Pesticide Disposal**," and "**Container Disposal**," so that the instructions are clearly identified on the label.
2. As requested in the Agency letter dated 12/19/2002, the statement, "*Have product container with you when calling the poison control center, doctor, or going for medical treatment,*" must be added at either the end of the first aid statements section or directly below the first aid heading per PR Notice 2001-1, First Aid Statements.
3. Revise the first sentence under "**If Swallowed**" first aid statement by stating "Call a poison control center or doctor *immediately* for treatment advice."
4. As requested in the Agency letter dated 12/19/2002, the statement, "*Immerse all leashes, muzzles, ropes, halters, or other types of restraining equipment used to restrain or handle animals as well as shovels, scrapers, and forks used to remove manure and litter,*" must be added to the "Veterinary Hospital" directions after the contact time statement.

CONCURRENCES

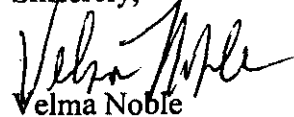
CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

General Comments

A stamped copy of the labeling accepted with conditions is enclosed. Submit three (3) copies of your final printed label before distributing or selling the product bearing the revised labeling.

Should you have any questions regarding this letter, please contact Jacqueline McFarlane at (703) 308-6416.

Sincerely,



Velma Noble
Product Manager (31)
Regulatory Management Branch I
Antimicrobials Division (7510C)

VIROCID®

CONCENTRATED BROAD SPECTRUM DISINFECTANT

Active ingredients :

ALKYL* DIMETHYL BENZYL AMMONIUM CHLORIDE *(50% C14;40% C12;10% C16)	17.060 % (by wt)
DIDECYL DIMETHYL AMMONIUM CHLORIDE	7.800 %
GLUTARALDEHYDE	10.725 %
Inert ingredients	<u>64.415 %</u>
	100.000 %

KEEP OUT OF REACH OF CHILDREN DANGER

VIROCID is effective against :

- Bacteria : *Salmonella Choleraesuis* (ATCC 10708), *Staphylococcus aureus* (ATCC 6538), *Pseudomonas aeruginosa* (ATCC 15442)
- Fungus : *Tricophyton mentagrophytes* (ATCC 9533) on environmental surfaces.
- Virus : *Infectious Bursal Disease of Chickens* (SPAFAS Strain 2512) on environmental surfaces.
- Slime forming bacteria to cooling water systems

APPLICATION :

Disinfection of non-food surfaces, farm, animal, and poultry housing facilities and equipment :

1. Farm Equipment and animal housing buildings (poultry & turkey grow-out houses, laying houses, swine production and housing, barns and large animal buildings)
2. Hatchers, Setters, and chick processing facilities
3. Food processing plants (slaughterhouses)
4. Trays, racks, carts, chick boxes, cages and other hard surfaces
5. Trucks and other vehicles
6. Veterinary hospitals.

Control of slime forming bacteria to cooling water systems

STORAGE AND DISPOSAL :

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

Storage : Store in a cool, dry place in tightly closed container away from children. Avoid temperatures below 23°F and above 113°F.

Disposal of pesticide : 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 representatives at the nearest EPA Regional Office for guidance.

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

ENVIRONMENTAL HAZARDS :

This pesticide is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product into sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

ACCEPTED
with COMMENTS
in EPA Letter Dated:

JUN 26 2003

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No 71355-1

PRECAUTIONARY STATEMENTS

Hazard to Humans and Domestic Animals

DANGER. Corrosive. Causes irreversible eye damage and skin burns. May be fatal if absorbed through the skin. Do not get in eyes, on skin, or on clothing. Wear protective eyewear, protective clothing, and rubber gloves. May be fatal if inhaled. Do not breathe coarse spray mist. For all exposures, wear a dust / mist / filtering respirator (MSHA/NIOSH approval number prefix TC-21C). Harmful if swallowed. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals.

Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Remove contaminated clothing and wash before reuse.

FIRST AID STATEMENTS

IF IN EYES : Hold eyelids open and flush with a steady, gentle stream of water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes. Call a poison control center or doctor for treatment advice.

IF ON SKIN : Remove contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

IF SWALLOWED : Call a poison control center or doctor for treatment advice. Have individual sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

IF INHALED : Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.

Call a poison control center or doctor for further treatment advice.

NOTE TO PHYSICIAN :

Probable mucosal damage may contraindicate the use of gastric lavage.

DIRECTIONS FOR USE :

It is a violation of federal law to use this product in a manner inconsistent with its labelling.

Disinfection of non-food surfaces, farm, animal, and poultry housing facilities and equipment :

1. Farm equipment and animal housing buildings (poultry & turkey grow-out houses, laying houses, swine production and housing, barns and large animal buildings) :

For disinfection of hard, non-porous surfaces : stainless, galvanized and painted steel, copper, aluminum, finished wood, vinyl, plastics, glazed tiles, brick walls, sandwich panels and feeding/drinking equipment :

- A. Remove all animals and feed from premises, vehicles and enclosures. Remove all litter and manure from floors, walls and surfaces of barns, pens, stalls, chutes, and other facilities and fixtures occupied or traversed by animals. Empty all troughs, racks, and other feeding and watering appliances.
- B. Thoroughly clean all surfaces with soap or detergent and rinse with water. Saturate all surfaces with 1:400 disinfecting solution by using a coarse spray, mop, or sponge. Surfaces must remain wet for 10 minutes.
- C. Ventilate buildings and other closed spaces. Do not house animals or employ equipment until treatment has been absorbed or dried.
- D. Thoroughly scrub treated feed racks, troughs, and other feeding and water appliances with soap or detergent and rinse with potable water before reuse.
- E. Disinfection of equipment : Immerse all halters, ropes, and other types of restraining equipment used in handling and restraining animals, as well as forks, shovels, and scrapers used for removing litter and manure in a 1:400 dilution for 10 minutes. Allow to air dry.
- F. Fresh disinfecting solution should be made daily.

2. Hatcheries :

Remove all animals from the area. Thoroughly clean all surfaces (hatchers, setters, trays, racks, carts, sexing tables, chick boxes, cages) with soap or detergent, then rinse with water. Saturate all surfaces with 1:400 disinfecting solution by using a coarse spray, mop, or sponge. Surfaces must remain wet for 10 minutes. Do not house animals or employ equipment until surfaces have been absorbed or dried. Fresh disinfection solution should be made daily or if visibly soiled.

3. Food processing plants (including Chicken Processing Facilities) :

Before using this product, all food products and packaging materials must be removed from the room or carefully protected. Thoroughly clean all surfaces with soap or detergent, then rinse with water. Disinfect hard, non-porous surfaces by applying 1:400 solution with a course spray, mop, or sponge. All surfaces must remain thoroughly wet for 10 minutes. Allow to air dry. A potable water rinse is required for all surfaces that come into contact with food.

4. Trucks and other vehicles :

Clean all vehicles including mats, crates, cabs, and wheels with high pressure water. Use 1:400 disinfecting solution to treat all vehicles. Leave all treated surfaces exposed to disinfectant solution wet for 10 minutes. Allow to air dry.

5. Veterinary hospitals :

For disinfection of the following hard non-porous surfaces : floors, walls, ceilings, counters, cages, feeding/drinking equipment, and handling/restraining equipment. Remove animals and feed from the premises. Thoroughly clean all surfaces with soap or detergent, then rinse with water. Saturate surfaces with 1:400 disinfecting solution by using a course spray, mop, or sponge. Surfaces must remain wet for 10 minutes. Do not house livestock or employ equipment until surfaces have been absorbed or dried. Thoroughly scrub treated feeding and watering equipment with soap or detergent and rinse with potable water before reuse. Fresh disinfection solution should be made daily or if visibly soiled.

Control of slime forming bacteria to cooling water systems :

- A. VIROCID should be added in the system directly and not mixed with any other chemicals or additives ; it should be added at a point where uniform mixing and even distribution will occur.
- B. Severely fouled systems should be chemically and/or manually cleaned before adding VIROCID treatment. If Algae/slime growth is absent or minimal, proceed with the initial dose.
- C. **Initial Dose** 2.5 fluid ounces of VIROCID per 100 gallons of water (50ppm) in the system. Repeat treatment until algae/slime growth is controlled. **Maintenance Dose** : After algae control is evident/achieved, apply 1.25 fluid ounces of VIROCID per 100 gallons of water (25ppm) in the system every 7 days (weekly). Repeat treatment as needed to maintain algae/slime control.

LIMITED WARRANTY AND DISCLAIMER :

The manufacturer warrants (a) that this product conforms to the chemical description on the label ; (b) that this product is a reasonable fit for the purposes set forth in the directions for use when it is used in accordance with such directions ; and (c) that the directions, warnings and other statements on this label are based upon responsible expert's evaluation of reasonable tests of effectiveness and of toxicity to laboratory animals. Tests have not been made on all varieties or in all states or under all conditions. The manufacturer neither makes nor intends, nor does it authorize any agent or representative to make, any other warranties, expressed or implied, and it expressly excludes and disclaims all implied warranties or merchantability and fitness for particular purpose. This warranty does not extend to, and the buyer shall be solely responsible for, any and all loss or damage which results from the use of this product in any manner which is inconsistent with the label directions, warnings or cautions. Buyer's exclusive remedy and manufacturer's or seller's exclusive liability for any and all claims, losses, damages, or injuries resulting from the use or handling of this product, whether or not such liability is based in the contract, negligence, strict liability in tort or otherwise, shall be limited, at the manufacturer's option, to replacement of, or the repayment of the purchase price for, the quantity of product with respect to which damages are claimed. In no event shall manufacturer or seller be liable for special, indirect or consequential damages resulting from the use or handling of this product

EPA Reg. N° : 71355-1

EPA Est. N° : 71355-BEL-001

BATCH N° : see top / bottom EXPIRY DATE : see top / bottom

Net contents : see top / bottom

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