

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

OCT 1 1997

DiverseyLever
46701 Commerce Center Drive
Plymouth, MI 48170

Attention: Lisa M. Amadio
Senior Registration Specialist

Subject: Divosan MH
EPA Registration Number 875-183
Your Amendment Dated September 9, 1997

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable provided that you make the labeling changes listed below before you release the product for shipment bearing the amended labeling.

1. In the ingredient statement change the heading "Active Ingredients" to singular "Active Ingredient".
2. Under the "Environmental Hazards" statement revise the first sentence to read: "This pesticide is toxic to fish and aquatic organisms".

-A stamped copy is enclosed for your records. Submit one copy of the final printed label before you release the product for shipment bearing the amended label.

If you have any questions concerning this letter, please contact Delores Williams at (703) 308-6372.

Sincerely,

Robert S. Brennis
Acting Product Manager (32)
Regulatory Management Branch II
Antimicrobials Division (7504C)

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

Divosan



DiverseyLever

Divosan[®] MH

Halogenated Acid Sanitizer

U.S. Patent Number: 4,822,513

For Industry and Dairy Use

ACTIVE INGREDIENTS

Iodine* 2.9%

INERT INGREDIENTS 97.1%

100.0%

* Calculated as available iodine from iodine and iodine monochloride.

**KEEP OUT OF REACH OF CHILDREN
DANGER**

STATEMENT OF PRACTICAL TREATMENT

IF IN EYES: Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Get medical attention.

IF ON SKIN: Wash with plenty of soap and water. Get medical attention.

IF SWALLOWED: Call a doctor or get medical attention. Promptly drink several glasses of water. **DO NOT** induce vomiting. Avoid alcohol.

NOTE TO PHYSICIAN: Aspiration may cause lung damage. Probable mucosal damage may contraindicate the use of gastric lavage.

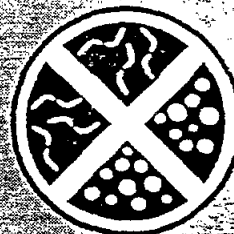
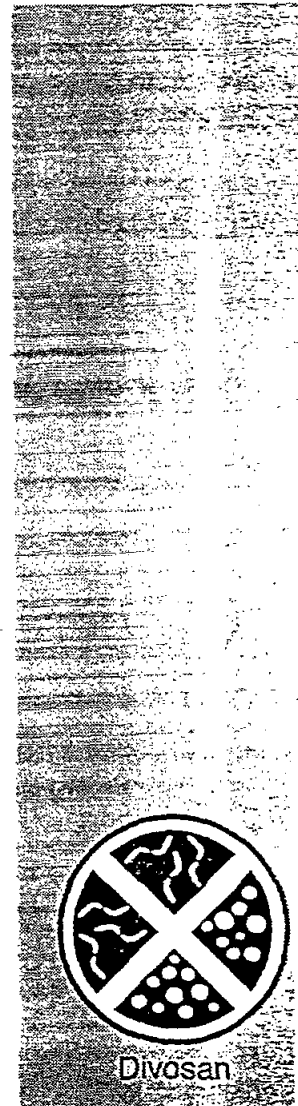
DiverseyLever

Plymouth MI 48170 • (800) 831 9889

24 HOUR EMERGENCY TELEPHONE • Medical: (Call Collect)

303 592 1024 • Transportation: (CHEMTREC) 800 424 9300

Net Contents 5 Gallons (18.9L)



Divosan

3044

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER

CORROSIVE. CAUSES EYE AND SKIN DAMAGE.
HARMFUL OR FATAL IF SWALLOWED.

Causes eye damage and skin irritation. Do not get in eyes, on skin, or on clothing.
Wear goggles or face shield and rubber gloves when handling. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse

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 to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

CHEMICAL AND PHYSICAL HAZARDS

ACIDIC PRODUCT. Do not use, pour, spill or store near heat or open flame. Do not combine with other cleaners or chemicals or hazardous gasses may be generated. Dilute with water.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling

SANITIZING OF MANUALLY CLEANED EQUIPMENT - Dairy, Beverage, Meat, Poultry, Food Processing and Pharmaceutical Plants.

MANUAL CLEANING

1. Rinse tanks, vat, pipelines and equipment with warm water.
2. Disassemble equipment and wash with a recommended DiversyLever cleaner.
3. Rinse surfaces with potable water and drain.
4. Sanitize by thoroughly wetting all surfaces by flood, coarse spray, mop, or immersion methods in a solution of 1 ounce of DIVOSAN MH in 18 gallons of water providing 12.5 ppm of available iodine. Expose surfaces to sanitizer for 2 minutes.
5. Allow surfaces to drain and air dry on a clean rack or support. Protect from dust and dirt.

Prepare a fresh solution daily or when it becomes soiled or diluted.

If DIVOSAN MH is used in alkaline waters, test to be sure that sanitizer solution pH is less than 3. If high pH is present, use 1 ounce of DIVOSAN MH in 9 gallons of water (25 ppm titratable iodine) for increased acidity. Test sanitizer solution with a Divosan MH Test Kit to ensure that sanitizer solution is not less than 12.5 ppm available iodine after sanitizing. If solution is less than 12.5 ppm titratable iodine, repeat sanitizing process. Do not reuse circulated sanitizer for additional sanitizing. Drain system completely before restarting process.

SPRAY SANITIZING - FOOD SERVICE AND PROCESSING EQUIPMENT. Wash equipment with a recommended DiversyLever product. Rinse with potable water. Apply a solution containing 1 fl. ounce DIVOSAN MH in 9 gallons of water (providing 25 ppm available iodine) by coarse spray method thoroughly wetting all surfaces. Test spray solution daily with a Divosan MH Test Kit to ensure adequate sanitizer is being supplied by dilution equipment. Allow surfaces to drain and air dry.



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CIRCULATION SANITIZING - FOOD PROCESSING

EQUIPMENT FLOW/PRESSURE METHOD - Disassemble equipment and thoroughly clean after use. Assemble equipment into operational position prior to sanitizing. Prepare a sanitizing solution equal to 110% of the volume capacity of the equipment by diluting 1 ounce of DIVOSAN MH in 18 gallons of water (12.5 ppm available iodine). Pump the solution through the system until full flow is obtained at all extremities and the system is completely filled with sanitizer and all air is removed.

CLEANING-IN-PLACE (CIP) METHOD FOR DAIRY AND SMALL PROCESSING FACILITIES - Thoroughly flush, clean and potable water rinse the system. Prepare a required volume of sanitizer solution needed to sanitize the system by diluting 1 fl. ounce of DIVOSAN MH in 18 gallons of water (providing 12.5 ppm available iodine).

To sanitize all system by circulation methods, run pumps for at least 2 minutes to thoroughly wet and sanitize all parts of system.

DIVOSAN MH is listed under 21 CFR 178.1010 as a no rinse sanitizer on food processing equipment when used in accordance with label directions.

STORAGE AND DISPOSAL: Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty container.
PESTICIDE STORAGE: Store in original container in a well ventilated area.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide spray mixtures 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 representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Plastic Container - Triple rinse (or equivalent). Offer for recycling or reconditioning. For disposal, puncture and if allowed by state and local authorities, by burning. If burned, stay out of smoke.

CONTACT TIME: DIVOSAN MH fulfills the criteria of the Grade 'A' Pasteurized Milk Ordinance 1985 Recommendations of the United States Public Health Service in waters up to 500 ppm hardness calculated as CaCO₃ when tested by the method outlined by A.O.A.C. Germicidal Detergent and Sanitizer Test method (15th Ed.)



EPA Registration No.: 875-183
EPA Establishment No.: 875-PA-1(8)
Bracketed number is the first digit of lot number.

ACCEPTED
with COMMENTS
in EPA Letter Dated:
A(971507)dL

OCT 1 1997

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

875-183

**DISINFECTANTS, LIQUID,
CORROSIVE, N.O.S.,
(NITRIC ACID), UN1903**