

875-93

6-26-2002

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

JUN 26 2002

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

Terry Sabatelli
DiverseyLever
3636 E. Kemper Road
Cincinnati, OH. 45241

SUBJECT: March 28, 2002 amendment
Sodium Hypochlorite
EPA Registration Number 875-93

Dear Mr. Sabatelli:

The application referred to in the subject heading above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is accepted with the following condition: the First Aid heading must be increased to a larger type size. In summary, you have requested that the First Aid statement pertaining to inhalation be modified to include "Move person to fresh air" at the request of California. We have no objection to that.

A copy of your conditionally stamped label is enclosed. You must submit 2 copies of your finished labeling prior to release for shipment of the re-labeled product. If you have any questions regarding this letter, call Tom Luminello at (703) 308-8075.

Sincerely yours,

A handwritten signature in cursive script that reads "Tom Luminello for".

Robert S. Brennis
Product Manager (32)
Regulatory Management Branch II
Antimicrobial Division (7510-C)

Enclosure

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER

CORROSIVE. MAY CAUSE SEVERE SKIN AND EYE IRRITATION OR CHEMICAL BURNS TO BROKEN SKIN. CAUSES EYE DAMAGE. Wear safety glasses or goggles and rubber gloves when handling this product. Wash after handling. Avoid breathing vapors. Vacate poorly ventilated areas as soon as possible. Do not return until strong odors have dissipated.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic organisms. 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 local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

PHYSICAL OR CHEMICAL HAZARDS:

STRONG OXIDIZING AGENT: Mix only with water according to label directions. Mixing this product with chemicals (e.g. ammonia, acids, detergents, etc.) or organic matter (e.g. urine, feces, etc.) will release chlorine gas which is irritating to eyes, lungs and mucous membranes.

STORAGE AND DISPOSAL

Store in a cool dry area away from direct sunlight and heat to avoid deterioration. In case of spill, flood area with large quantities of water. Product or rinsate that cannot be used should be diluted with water before disposal in a sanitary sewer. Do not reuse empty container. Do not contaminate food or feed by storage, disposal or cleaning of equipment. 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.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. **NOTE:** This product degrades with age. Use a chlorine test kit and increase dosage, as necessary, to obtain the required level of available chlorine.

MANUAL CLEANING OF DAIRY EQUIPMENT, BULK TANKS AND UTENSILS.

1. Rinse equipment thoroughly, immediately after use or emptying of bulk tanks with warm (100°F) water. Drain.
2. Wash equipment using an appropriate DiverseyLever manual cleaner according to use directions. Brush all equipment thoroughly. Rinse suds away with cool water. Drain.
3. Acid rinse equipment using an appropriate DiverseyLever acid cleaner diluted 1 ounce per 10 gallons in tap water. Drain.
4. After cleaning and just prior to use, sanitize equipment with 5 ounces of Sodium Hypochlorite per 10 gallons of tap water (200 ppm). Test solution periodically with a chlorine test kit. Expose equipment to sanitizing solution at least 2 minutes. Drain.

CIP CLEANING AND SANITIZING OF PIPELINES, BULK TANKS AND BULK TRANSFER SYSTEMS:

1. Rinse equipment thoroughly, immediately after milking or after emptying bulk tanks, with warm (100° F) water. Drain.
2. Wash equipment with an appropriate DiverseyLever chlorinated cleaner according to use directions in 180° F water. Circulate solution 8 to 10 minutes. Drain.
3. Acid rinse equipment using 1 ounce of appropriate DiverseyLever acid cleaner per 10 gallons of tap water. Circulate 2 to 3 minutes. Drain.
4. After cleaning and just prior to use, sanitize by preparing a volume equal to 110% of system capacity of 200 ppm available chlorine sanitizer by mixing 5 ounces of Sodium Hypochlorite per 10 gallons of water. Circulate sanitizer through the system until full flow is obtained at all extremities and continue for at least 2 minutes to insure contact with all internal surfaces. Remove some sanitizer solution from a drain valve and test with a Chlorine Test Kit. If the sanitizer contains less than 50 ppm available chlorine, repeat the sanitizing process. Completely drain the system.

INDIVIDUAL WATER SYSTEMS: DRILLED & BORED WELLS: Run pump until water is as free from turbidity as possible. Pour a 100 ppm available chlorine sanitizing solution into the well made by thoroughly mixing 2.5 ounces of Sodium Hypochlorite into 10 gallons of water. Add 5 to 10 gallons of clean, chlorinated water to the well in order to force the sanitizer into the rock formation. Wash the exterior of pump cylinder with the sanitizer. Drop pipeline into well, start pump and pump water until strong odor of chlorine in water is noted. Stop pump and wait at least 24 hours. After 24 hours, flush well until all traces of chlorine have been removed from the water. Deep wells with high water levels may necessitate the use of special methods for introduction of the sanitizer into the well. Consult your local Health Department for further details.

MECHANICAL WASHERS: Wash-Dump or Sanitizing Rinse Section Types. After cleaning and rinsing equipment or containers, apply a sanitizing spray rinse containing 100 ppm available chlorine by adjusting mechanical feeding device to meter 2.5 ounces of

ACCEPTED
with COMMENTS
in EPA Letter Dated:

JUN 26 2002

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
approved for the pesticide,
registered under EPA Reg. No. 875-9

Sodium Hypochlorite



DiverseyLever®

product per 10 gallons of water. Test sanitizer frequently with a chlorine test kit to ensure that solution does not drop below 50 ppm available chlorine. Remove and drain items. Sanitizer used in automatic systems may NOT be used for sanitizing purposes. If no test kit is available or if available chlorine has dropped below 50 ppm during sanitizing, either discard the sanitizer solution or add sufficient product to reestablish a 200 ppm available chlorine sanitizer strength. Resanitize equipment. Do not rinse equipment with water after sanitizing and do not soak equipment overnight in sanitizer solution.

CHEMICAL SANITIZING - Manual Warewashing Restaurants, Institutions, and Other Food Serving Establishments.

1. Scrape and prewash utensils and glasses whenever possible.
2. Wash with recommended DiverseyLever cleaner.
3. Rinse with potable water.

EPA Registration No. 875-93

EPA Establishment No.

875-OH-1[50], 875-PA-1[80], 875-WI-1[10], 875-CA-4[MD], 550-KY-1[8M], 9385-FL-1[21], 10508-TX-1[1Z]

Bracketed numbers/letters are the first numbers/letters of batch number.



SKU #:

08645470

LOT #: