



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

JUN - 4 2001

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

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

SUBJECT: February 19, 2001 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 conditions as follows:

The Statement of Practical Treatment must be revised in accordance with Pesticide Registration Notice 2001-1.

First Aid	
If in eyes	<ul style="list-style-type: none"> ▪ Hold eye open and rinse slowly and gently with water for 15-20 minutes. ▪ Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. ▪ Call a poison control center or doctor for further treatment advice.
If on skin or clothing	<ul style="list-style-type: none"> ▪ Take off contaminated clothing. ▪ Rinse skin immediately with plenty of water for 15-20 minutes. ▪ Call a poison control center or doctor for further treatment advice.
If swallowed	<ul style="list-style-type: none"> ▪ Call a poison control center or doctor for further treatment advice. ▪ Have person 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	<ul style="list-style-type: none"> ▪ If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. ▪ Call a poison control center or doctor for further treatment advice.

HOT LINE NUMBER

Have the product container or label with you when calling a poison center or doctor, or going for treatment. You may also call collect 1 (303) 424-9300 for emergency medical treatment information. For information on this pesticide (including health concerns, medical emergencies, or pesticide incidents), call the National Pesticide Telecommunications Network at 1 (800) 858-7378.

Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.

If you have any questions regarding this letter, call me at (703) 308-6264.

Sincerely yours,



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

80%

3/4

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 the 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.

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.

Divosan

Sodium Hypochlorite

Disinfectant • Deodorizer • Sanitizer

For Industry Use

ACTIVE INGREDIENT:	
Sodium hypochlorite	5.25%
INERT INGREDIENTS	94.75%
	Total 100.00%

Available chlorine - 5.0%

USE DILUTION TABLE

Available Chlorine	Dilution
25 ppm	0.5 ounces per 8 gallons
100 ppm	2.5 ounces per 10 gallons
200 ppm	5 ounces per 10 gallons
1000 ppm	25 ounces per 10 gallons

KEEP OUT OF REACH OF CHILDREN

DANGER:

STATEMENT OF PRACTICAL TREATMENT

~~IF CONTACT WITH EYES OCCURS, flush with water for at least 15 minutes. Get prompt medical attention.~~

~~IF CONTACT WITH SKIN OCCURS, wash with plenty of soap and water.~~

~~IF SWALLOWED, drink large amounts of water. DO NOT induce vomiting. Call a physician or poison control center immediately.~~

update/revise per

EPA Registration No.: 875-93

EPA Establishment No.: 875-OH-1[50]; 875-PA-1[80]; 875-CA-4[MD]; 8176-OH-1[8H]; 39502-CA-1[14]; 6243-GA-1[5A]; 875-WI-1[10].

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

letter

Net Contents 1135.5 L (300 Gal)

DiverseyLever • 3630 E Kemper Rd • Cincinnati OH 45241-2046 • 800 223 1000

24 Hr EMERGENCY TELEPHONE:

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

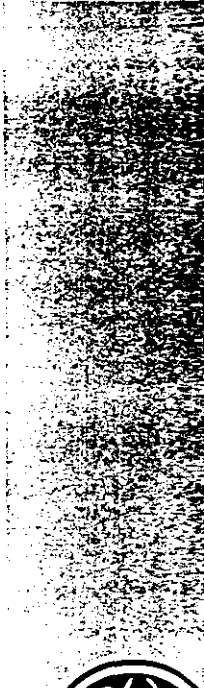


08645819



DiverseyLever

VT45



Divosan

COLOR PMS 123
SIZE 8.5 X 21

ACCEPTED
with COMMENTS
in EPA Letter Dated:

JUN - 4 2001

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

875-93

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 Diversey/Lever chlorinated cleaner according to use directions in 160°F water. Circulate solution 8 to 10 minutes. Drain.
3. Acid rinse equipment using 1 ounce of appropriate Diversey/Lever 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 product per 10 gallons of water. Test sanitizer frequently during operation with a chlorine test kit to ensure that solution does not drop below 50 ppm available chlorine. Remove and drain sanitized items. Sanitizer used in automatic systems may NOT be reused 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 Diversey/Lever cleaner.
3. Rinse with potable water
4. Sanitize in a solution containing 5 ounces of product for each 10 gallons of tap water used (200 ppm available chlorine). Immerse all utensils for at least 2 minutes or contact time specified by governing sanitary code.
5. Place sanitized utensils on rack or drainboard to air dry.

FRUIT AND VEGETABLE WASHING — Thoroughly clean all fruit and vegetables by immersion in recommended Diversey/Lever product solution in a sink or spray washer. Dilute 0.5 ounce of product in eight gallons of water to make a sanitizing solution containing 25 ppm available chlorine. Drain and rinse product with potable water. Immerse or spray in a separate sink with dilute sanitizer for 2 minutes. Check available chlorine content with test kit. Spray rinse vegetables with additional sanitizer solution prior to packaging. Rinse fruits and vegetables with potable water prior to use.

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.



HYPOCHLORITE SOLUTIONS (WITH MORE THAN 5 PERCENT BUT LESS THAN 16 PERCENT AVAILABLE CHLORINE), UN1791

ACCEPTED with COMMENTS In EPA Lower Dated

JUN - 4 2001

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

875-93