

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

AUG 10 2001

Terrance J. Sabatelli
DuBois Chemicals
3630 E. Kemper Road
Cincinnati, OH 45241

Subject: SHS-900
EPA Registration No. 3635-20003
Amendment Dated May 17, 2001

Dear Mr. Sabatelli:

This amendment was submitted in response to an Agency letter to DuBois Chemical dated February 1, 2001, which requested a revised label and Confidential Statement of Formula.

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, to revise the CSF and label to comply with the requirements for a 20,000 series label as indicated in the Sodium Hypochlorite Standards, will be acceptable provided that you make the labeling changes listed below before you release the product for shipment bearing the amended label.

Labeling

1. Change the heading "Statement of Practical Treatment" to **FIRST AID**.
2. Revise the **FIRST AID** statement in accordance with PR Notice 2001-1.

If In Eyes: 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 treatment advice.

In on Skin or Clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment.

If Swallowed: Call a poison control center or doctor immediately for 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.

CONCURRENCES

SYMBOL	7510C							
SURNAME	M. Tchec							
DATE	8-9-01							

3. Under the heading for Pulp & Paper Mill Process Waters sections correct typographical error "Slug Feed Methos" to read "Slug Feed Method."

Product Chemistry

1. The sources of all ingredients including water needs to be identified in item 11 of the CSF.

The Confidential Statement of Formula dated April 16, 2001, is in compliance with PR Notice 91-2 and is acceptable.

A stamped copy of your labeling is enclosed for your records. Submit one copy of the final printed label prior to release of the product for shipment.

If you have any questions concerning this letter, please contact Wanda Mitchell at (703) 308-6345.

Sincerely,



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

**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 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 AND 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 this product 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 but place in trash collection. Do not contaminate food or feed by storage, disposal or cleaning of equipment.

CONTAINER DISPOSAL: PLASTIC CONTAINERS: Triple rinse (or equivalent). Then offer for 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.

SHS-900

Disinfectant - Sanitizer

For Industry Use

Active Ingredient:	
Sodium Hypochlorite	9.2%
Inert Ingredient	90.8%
Total	100.00%

**KEEP OUT OF REACH OF CHILDREN
DANGER**

Statement Of Practice Treatment: (First Aid)

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.

See left side panel for additional precautionary statements.

EPA Registration No. 3635-20003

EPA Establishment No. 875-WI-1(10); 875-OH-1(50); 875-PA-1(80); 8176-OH-1(8H); 4313-TX-1

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

DiverseyLever - Cincinnati, OH 45241-2046 - 800-233-1000

24 Hr EMERGENCY TELEPHONE:

Medical: (Call Collect) 303-592-1024

Transportation: (CHEMTREC) 800-424-9300

NET CONTENTS: 55 Gal. (208.2L)

ACCEPTED
with COMMENTS
in EPA Letter Dated:
AUG 10 2001

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No. 3635-20003



DiverseyLever

1/4

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 & increase dosage, as necessary, to obtain the required level of available chlorine.

HOUSEHOLD LAUNDRY SANITIZER: In washing suds thoroughly mix 4 oz. of this product with 10 gallons of wash water containing clothes to provide 200 ppm available chlorine. Wait 5 minutes, then add soap or detergent and start the wash/rinse cycle.

COMMERCIAL LAUNDRY SANITIZERS: Wet fabrics or clothes should be spun dry prior to sanitization. Thoroughly mix 4 oz. of this product with 10 gallons of water to yield 200 ppm available chlorine. Promptly after mixing the sanitizer, add the solution into the prewash prior to washing fabrics/clothes in the regular wash cycle with a good detergent. Test the level of available chlorine if solution has been allowed to stand. Add more of the product if the available chlorine level has dropped below 200 ppm.

DISINFECTION OF DRINKING WATER (PUBLIC SYSTEMS): Mix a ratio of 1 1/3 oz. of this product to 100 gallons of water. Begin feeding this solution with hypochlorinator until a free available chlorine residual of at least 0.2 ppm and no more than 0.6 ppm is attained throughout the distribution system. Check water frequently with a chlorine test kit. Bacteriological sampling must be conducted at a frequency no less than prescribed by the National Interim Primary Drinking Water Regulations. Contact your local Health Department for further details.

COOLING TOWER/EVAPORATIVE CONDENSER WATER: CONTINUOUS FEED METHOD: Initial Dose: When system is noticeably fouled, apply 58 to 116 oz. of this product per 10,000 gallons of water in the system to obtain 5 to 10 ppm available chlorine. Subsequent Dose: Maintain this treatment level by starting a continuous feed of 1 1/3 oz. of this product per 1,000 gallons of water lost by blowdown to maintain a 1 ppm residual. Badly fouled systems must be cleaned before treatment is begun.

Pulp & Paper Mill Process Water Systems

SLUG FEED METHOD: Initial Dose: When system is noticeably fouled, apply 58 to 116 oz. of this product per 10,000 gallons of water in the system to obtain from 5 to 10 ppm available chlorine. Repeat until control is achieved. Subsequent Dose: When microbial control is evident, add 14 oz. of this product per 10,000 gallons of water in the system daily, or as needed to maintain control and keep the chlorine residual at 1 ppm. Badly fouled systems must be cleaned before treatment is begun.

CONTINUOUS FEED METHODS: Initial Dose: When system is noticeably fouled, apply 58 to 116 oz. of this product per 10,000 gallons of water in the system to obtain 5 to 10 ppm available chlorine. Subsequent Dose: Maintain this treatment level by starting a continuous feed 1 1/3 oz. of this product per 10,000 gallons of water lost by blowdown to maintain a 1 ppm residual. Badly fouled systems must be cleaned before treatment is begun.

SANITATION OF NONPOROUS FOOD CONTACT SURFACES: RINSE

METHOD: A solution of 100 ppm available chlorine may be used in the sanitizing solution if a chlorine test kit is available. Solutions containing an initial concentration of 100 ppm available chlorine must be tested and adjusted periodically to insure that the available chlorine does not drop below 50 ppm. Prepare a 100 ppm sanitizing solution by thoroughly mixing 2 oz. of this product with 10 gallons of water. If no test kit is available, prepare a sanitizing solution by thoroughly mixing 4 oz. of this product with 10 gallons of water to provide approximately 200 ppm available chlorine by weight. Clean equipment surfaces in the normal manner. Prior to use, rinse all surfaces thoroughly with the sanitizing solution, maintaining contact with the sanitizer for at least 2 minutes. If solution contains less than 50 ppm available chlorine, as determined by a suitable test kit

either discard the solution or add sufficient product to reestablish a 200 ppm residual. Do not rinse equipment with water after treatment and do not soak equipment overnight. Sanitizers used in automated systems may be used for general cleaning but may not be reused for sanitizing purposes.

CLEAN IN-PLACE METHOD: Thoroughly clean equipment after use. Prepare a volume of a 200 ppm available chlorine sanitizing solution equal to 110% of volume capacity of the equipment by mixing the product in a ratio of 4 oz. product with 10 gallons of water. Pump solution through the system until full flow is obtained at all extremities, the system is completely filled with the sanitizer and all air is removed from the system. Close drain valves and hold under pressure for at least 10 minutes to insure contact with all internal surfaces. Remove some cleaning solution from drain valve and test with a chlorine test kit. Repeat entire cleaning/sanitizing process if effluent contains less than 50 ppm available chlorine.

SANITATION OF POROUS FOOD CONTACT SURFACES: RINSE METHOD- Prepare a 600 ppm solution by thoroughly mixing 10 oz. of this product with 10 gallons of water. Clean surfaces in the normal manner. Rinse all surfaces thoroughly with the 600 ppm solution, maintaining contact for at least 2 minutes. Prepare a 200 ppm sanitizing solution by thoroughly mixing 4 oz. of this product with 10 gallons of water. Prior to using equipment, rinse all surfaces with a 200 ppm available chlorine solution. Do not rinse and do not soak equipment overnight.

DISINFECTION OF NONPOROUS NON-FOOD CONTACT SURFACES: RINSE METHOD- Prepare a disinfecting solution by thoroughly mixing 10 oz. of this product with 10 gallons of water to provide approximately 600 ppm available chlorine by weight. Clean equipment surfaces in the normal manner. Prior to use, rinse all surfaces with the disinfecting solution, maintaining contact with the solution for at least 10 minutes. Do not rinse equipment with water after treatment and do not soak equipment overnight.

FOOD EGG SANITATION: Thoroughly clean all eggs. Thoroughly mix 4 oz. of this product with 10 gallons of warm water to produce a 200 ppm available chlorine solution. The sanitizer temperature should not exceed 130 F. Spray the warm sanitizer so that the eggs are thoroughly wetted. Allow the eggs to thoroughly dry before casing or breaking. Do not apply a potable water rinse. The solution should not be re-used to sanitize eggs.

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