



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

AUG 31 2010

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

Jason Mattern, Quality and Regulatory Compliance Manager
SAL Chemical Company
3036 Birch Drive
Weirton, WV. 26062

Subject: Amendment dated: May 26, 2010
Sodium Hypochlorite
EPA Registration 62833-1

Dear Mr. Mattern:

The Agency has reviewed your application for amendment submitted in accordance with continuing registration under the Federal Insecticide Fungicide and Rodenticide Act (FIFRA), as amended, and determined the action acceptable with the following comments:

- Under First Aid place the treatment If Swallowed above If Inhaled.
- Revise instruction under **Poison Control Center** to read "Have the product container or label with you when calling a poison control center or doctor, or going for treatment".
- Correct the spelling of "gastric" in the **Note to Physician**
- Add "Available Chlorine 11.9%" to front panel under ingredient statement.
- Under **Environmental Hazards** revise the last sentence to read "For guidance contact your State Water Board or Regional Office of the EPA".
- Revise **Hazards to Humans and Domestic Animals** to read: CORROSIVE. Causes irreversible eye damage. Do not get in eyes or on clothing. Wear goggles or face shield. Harmful if swallowed or inhaled. Avoid breathing dust or vapors. Avoid contact with skin or clothing. Wear long sleeved shirt, pants, socks and shoes. Wear chemically resistant gloves such as latex gloves when handling product or opened container. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse. Harmful if absorbed through skin. Avoid breathing vapors. Vacate poorly ventilated areas as soon as possible. Do not return until strong odors have dissipated.
- Revise the first sentence of the **Cooling Tower** directions as follows:
When system is noticeably fouled, apply 52 to 104 oz. of this product per 10,000 gallons of water in the system to obtain from 5 to 10 ppm available chlorine.
- Revise the last sentence of the **Cooling Tower** directions as follows: Badly fouled systems must be cleaned before treatment is begun.
- Revise the Storage and Container Disposal instructions as follows:

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 areas with large quantities of water. Product or rinsates that cannot be used should be diluted with water before disposal in a sanitary sewer. Do not contaminate food or feed by storage, disposal or cleaning of equipment.

CONTAINER DISPOSAL

Nonrefillable container. Do not reuse this container to hold materials other than pesticides or dilute pesticides (rinsate). After emptying and cleaning it may be allowable to temporarily hold rinsate or other pesticide-related materials in the container. Contact your state regulatory agency to determine allowable practices in your state. Triple rinse or pressure rinse container (or equivalent) promptly after emptying.

Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.

Pressure rinse as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

IF EMPTY: Do not reuse container. Place in trash or offer for recycling if available, reconditioning if appropriate, or puncture and dispose of in a sanitary landfill, or incineration, or if allowed by state law and local authorities, by burning.


IF PARTIALLY FILLED: Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

Your application for amendment did not contain certification regarding Child Resistant Packaging (CRP) and compliance with the standards and provisions of 40 CFR 157.32 including the revised effectiveness standards in 16 CFR 1700.15(b), and the revised testing procedures in 16 CFR 1700.20 as published in 60 FR 37710 (July 21, 1995) and a description of the type of packaging used and its designation using the American Society for Testing and Materials (ASTM) Standard D3475-95 "Standard Classification of Child-Resistant Packages." Your 5 gallon product must be packaged in an approved CRP container.

Your proposed alternate Confidential Statement of Formula dated May 25, 2010 (revised via E mail on August 25, 2010) has been reviewed and accepted.

A stamped copy of the labeling accepted with conditions is enclosed. Submit one copy of your final printed labeling before distributing or selling the product bearing the revised labeling. Should you have any questions or comments concerning this letter, please call Tom Luminello at (703) 308-8075.

Sincerely,



Wanda Y. Henson
Acting Product Manager 32
Regulatory Management Branch II
Antimicrobials Division (7510P)

SODIUM HYPOCHLORITE

KEEP OUT OF REACH OF CHILDREN
DANGER

FIRST AID

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.

If 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 advice.

If Inhaled: Move person to fresh air. 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 treatment advice.

If Swallowed: Call a poison control center or doctor for treatment advice. Have person drink large amounts of water. Do not induce vomiting unless told by the poison control center or doctor.

POISON CONTROL CENTER NUMBER 800-642-3625
Have the product label with you when calling the poison control center or doctor, or going for treatment.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of electric lavage.

ACTIVE INGREDIENT	
SODIUM HYPOCHLORITE.....	12.5%
INERT INGREDIENTS.....	87.5%
Total.....	100.0%

Available Chlorine 11.9%

ENVIRONMENTAL HAZARDS: This pesticide is toxic to fish and aquatic organisms. Do not discharge effluent containing this product to lakes, streams, ponds, estuaries, oceans or public 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 sewage treatment authority. For guidance contact your State Water Board or Regional Office of the EPA.

PRECAUTIONARY STATEMENTS:

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Corrosive may cause severe skin irritation or chemical burns to broken skin. Do not get in eyes, on skin or clothing. Wear goggles or face shield and rubber gloves when handling this product. Wash after handling. Avoid breathing vapors. Vacate poorly ventilated areas as soon as possible and do not return until odors have dissipated.

see letter

EPA REGISTRATION # 62833-1

EPA EST. #62833-WV-001

Reformulators and repackagers of this product must obtain their own registrations from the EPA.

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.

SWIMMING POOL WATER DISINFECTION: For a new pool or spring start up, superchlorinate with 52-104 oz. of product per 10,000 gallons of water to yield 5-10 ppm available chlorine by weight. Maintain a pool water pH between 7.2 - 7.6 and alkalinity between 50-100 ppm. To maintain pool water, add 11 oz. of this product per 10,000 gallons of water to yield an available chlorine residual between 0.6 - 1.0 ppm by weight. Stabilized pools should maintain a residual of 1.0 - 1.15 ppm available chlorine. Frequently test the chlorine residual, pH, and alkalinity with a test kit. Frequency of water treatment will depend on temperature and number of swimmers. Every 7 days or as necessary, superchlorinate the pool with 52-104 oz. of product per 10,000 gallons of water to yield 5-10 ppm available chlorine by weight. Do not reenter the pool until the chlorine residual is below 3.0 ppm. At the end of the swimming pool season or when water is drained from the pool, chlorine must be allowed to dissipate from the treated pool water before discharge. Do not chlorinate the pool within 24 hours prior to discharge.

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 ensure that the available chlorine does not drop below 50 ppm. Prepare a 100 ppm sanitizing solution by mixing 1 oz. product with 10 gallons of water. If no test kit is available, prepare a 200 ppm sanitizing solution by mixing 2 oz. product with 10 gallons of water. Prior to use rinse and clean all surfaces in a normal manner, then use sanitizing solution to clean surfaces, maintaining contact with the sanitizer for at least 2 minutes. 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 re-used for sanitizing purposes.

DISINFECTION OF DRINKING WATER - PUBLIC SYSTEMS:

Mix a ratio of 1 oz. product to 100 gallons of water. Feed this solution with a hypochlorinator until a free available residual of at least 0.2 ppm, but no more than 0.6 ppm is attained throughout the system. Check water with a chlorine test kit. Bacteriological sampling must be conducted at frequency no less than that prescribed by the National Primary Drinking Water Regulations. Contact your Health Department for further details.

COOLING TOWER / EVAPORATIVE CONDENSER WATER-SLUG FEED METHOD: Initial Dose - Apply 62-104 oz. of product per 10,000 gallons of water in system to obtain 5-10 ppm available chlorine. Repeat until control is achieved. Subsequent Dose - Apply 11 oz. of 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. It is recommended that fouled systems be cleaned before beginning treatment.

STORAGE: Store this product in a cool dry area away from direct sunlight and heat to avoid deterioration. In case of a spill, flood area with large amounts of water.

CONTAINER DISPOSAL: Non-refillable container. Do not reuse or refill this container.

Triple rinse the container (or equivalent), then offer for recycling if available, reconditioning appropriate, or puncture and dispose of in a sanitary landfill, or incineration, or if allowed by state law and local authorities, by burning. If burned, stay out of smoke.

SODIUM HYPOCHLORITE
HYPOCHLORITE SOLUTION

8 UN1791 , PG III

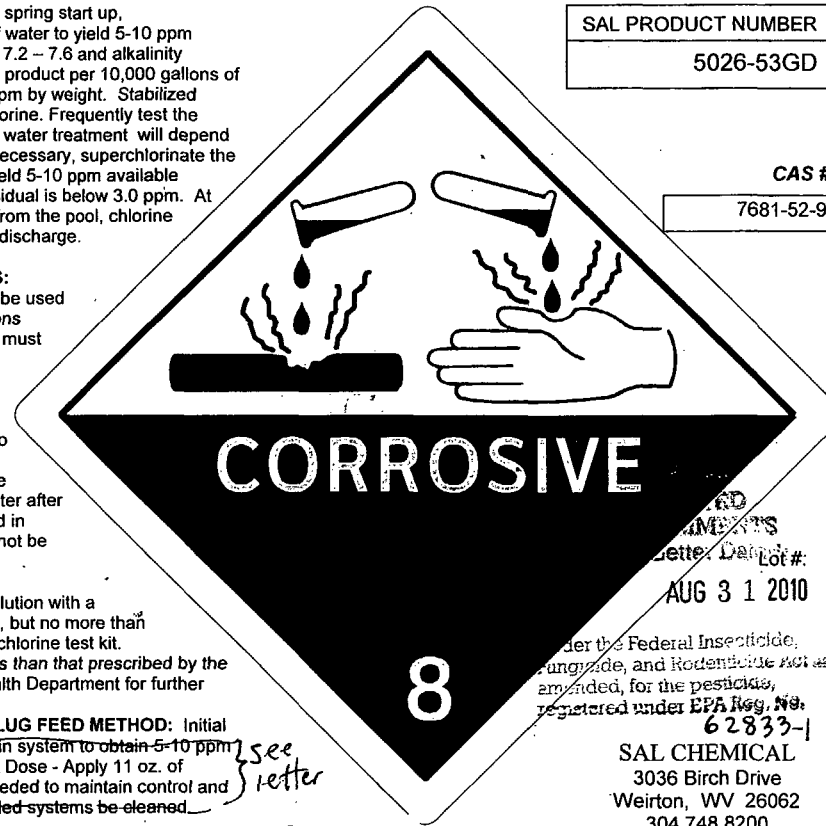
540 #
DRUM

SAL PRODUCT NUMBER

5026-53GD

CAS #

7681-52-9



FOR MORE INFORMATION
CONTACT
Letter: Date: Lot #:
AUG 3 1 2010

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticides, registered under EPA Reg. No. 62833-1

SAL CHEMICAL
3036 Birch Drive
Weirton, WV 26062
304.748.8200
800.879.1725

Sodium Hypochlorite
ANSI / NSF 60
47ZL
Max Use Level
80 mg/L

FOR HELP IN CHEMICAL
EMERGENCY
CALL CHEMTREC 800-424-9300

see letter