

278-64

02-19-2010

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

FEB 19 2010

Clint Kayser
Miami Products and Chemical Co.
520 Lonoke Street
Dayton, OH. 45403

RE: Amendment dated December 4, 2009
Product Name: Sanygen Industrial Clor Sodium Hypochlorite
EPA Registration Number: 278-64

Dear Mr. Kayser:

The Agency has reviewed your request for an 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 conditions:

- At Pesticide Disposal Instructions change "may be" to "are".
- Add the following Storage and Disposal heading and instructions: CONTAINER HANDLING: Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller.
- Change "For Commercial Use Only" to read "For Commercial Use".

In summary, you are updating your label in accordance with past pertinent Pesticide Registration (PR) Notices such as the First Aid treatment protocol and the Storage and Disposal statements. A stamped, conditionally acceptable copy of your label is attached. Please provide a finished copy of your labeling for our files. If you any have questions concerning this letter, please contact Tom Luminello at (703) 308-8075, or by e-mail at Luminello.tom@epa.gov.

Sincerely,

A handwritten signature in black ink that reads "Wanda Y. Henson".

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

Enclosure

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Label front

SANYGEN INDUSTRIAL CLOR SODIUM HYPOCHLORITE

Keep Out of Reach of Children

Danger

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, and then continue rinsing eye. • Call a poison control center or doctor for treatment advice. 	IF SWALLOWED: <ul style="list-style-type: none"> • Call a poison control center or doctor <i>immediately</i> for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to by a poison control center or doctor. • Do not give anything to an unconscious person.
IF ON SKIN OR CLOTHING: <ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice. 	IF INHALED: <ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, and then give artificial respiration, preferably mouth-to-mouth if possible. • Call a poison control center or doctor for further treatment advice.
<p>For emergency information concerning this product, call Chemtrec at 1-800-424-9300. Have the product container or label with you when calling a poison control center, or doctor, or going for treatment.</p>	
<p>Note to physician: Probable mucosal damage may contraindicate the use of gastric lavage.</p>	

ACTIVE INGREDIENT: Sodium Hypochlorite*.....12.5%
 OTHER INGREDIENTS.....89.5%
 TOTAL.....100%

Provides 11.9% available chlorine

*C.A.S. No.: 7681-52-9

EPA Reg. No. 278-64

ACCEPTED
with COMMENTS
 in EPA Letter Dated:

Miami Products & Chemical Co.
FEB 19 2010

For the Director for approval,
 EPA, 401 Constitution Ave NW
 Washington, DC 20460
 Registered under EPA Reg. 402:
278-64

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Net Contents: _____ Gallons

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER

Corrosive. Causes irreversible eye damage. Do not get in eyes or on clothing. Wear face shield or goggles and rubber gloves when handling this product. 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.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic invertebrates. 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 into 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.

To calculate the pool capacity (in gallons of water), use the following formulas:

SHAPE OF POOL	GALLONS OF WATER
Rectangular	*Average Depth x average length x average width x 7.5
Circular	*Diameter x diameter x average depth x 5.9
Oval with straight sides	*Full width x full length x average depth x 6.7
Irregular	Consult pool builder

* Note that all dimensions are in feet.

SWIMMING POOL WATER DISINFECTION: For a new pool or spring start-up, superchlorinate with 52 to 104 fl. oz. of product for each 10,000 gallons of water to yield 5.0 to 10.0 ppm available chlorine by weight. Check the level of available chlorine with a suitable test kit. Adjust and maintain pool water pH to between 7.2 and 7.6. Adjust and maintain the alkalinity of the pool to between 50 and 100 ppm.

To maintain the pool, add manually or by feeder device 11 fl. oz. of this product for each 10,000 gallons of water to yield an available chlorine residual between 0.6 and 1.0 ppm by weight. Stabilized pools should maintain a residual of 1.0 to 1.5 ppm available chlorine. Test the pH, available chlorine residual and alkalinity of the water frequently with suitable test kits. Frequency of water treatment will depend upon temperature and number of swimmers.

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Every 7 days, or as necessary, superchlorinate the pool with 52 to 104 fl. oz. of product for each 10,000 gallons of water to yield 5.0 to 10.0 ppm available chlorine by weight. Check the level of available chlorine with a suitable test kit. Do not re-enter pool until the chlorine residual is between 1.0 and 4.0 ppm.

At the end of the swimming pool season or when water is to be drained from the pool, chlorine must be allowed to dissipate from treated pool water before discharge. Do not chlorinate the pool within 24 hours prior to discharge.

WINTERIZING POOLS: While water is still clear & clean, apply 3 fl. oz. of product per 1,000 gallons of water, while filter is running, to obtain a 3.0 ppm available chlorine residual, as determined by a suitable test kit. Cover pool and prepare filter and heater components for winter by following the manufacturer's instructions.

SPAS & HOT TUBS : Apply 5 fl. oz. of product per 1,000 gallons of water to obtain a free available chlorine residual of 5.0 ppm, as determined by a suitable test kit. Adjust and maintain the pH of the water to between 7.2 and 7.8. Some oils, lotions, fragrances, cleaners, etc. may cause foaming or cloudy water as well as reduce the efficiency of the product.

To maintain the water, apply 5 fl. oz. of product per 1,000 gallons of water over the surface to maintain a chlorine residual of 5.0 ppm.

After each use, shock treat with 8 fl. oz. of this product per 500 gallons of water to control odor and algae. Do not re-enter the spa or hot tub until the chlorine level is below 5.0 ppm.

During extended periods of disuse, add 3 fl. oz. of this product daily per 500 gallons of water to maintain a chlorine residual of 3.0 ppm.

NOTICE: APPLY THIS PRODUCT ONLY AS SPECIFIED ON THIS LABEL.

Buyer assumes all risks of use of this chemical if used contrary to directions.

STORAGE AND DISPOSAL

Do not contaminate food or feed by storage, disposal, or cleaning of equipment.

PESTICIDE STORAGE: 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.

PESTICIDE DISPOSAL: Pesticide wastes ^{are} ~~may be~~ hazardous. Improper disposal of excess pesticide, spray mixture 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.

ACCEPTED
with COMMENTS
in EPA Letter Dated:

DO NOT MIX WITH ACIDS

or other chemicals

FEB 19 2010

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, and the pesticide,
EPA Reg. No. 278-64

CONTAINER HANDLING: Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller

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UN 1971

FOR COMMERCIAL USE ONLY

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