



875-93

08/13/1984

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Technical Service Bulletin

REV. 84-199
FI-357

DIVERSEY WYANDOTTE

SODIUM HYPOCHLORITE

A Liquid Chlorinating Sanitizer

EPA Reg. No. 875-93

ACCEPTED
875-93
AUG 13 1984
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No.

PURPOSE AND USE

Diversey Wyandotte SODIUM HYPOCHLORITE is used to sanitize all types of food and beverage equipment in dairies, dairy farms, food processing plants, breweries, restaurants and taverns.

FEATURES

- Liquid product
- Effective sanitizer
- Convenient

BENEFITS

- Easy to feed.
- Passes A.O.A.C. Germicidal and Detergent Sanitizers test.
- Goes into use solution immediately.

DISCUSSION

SODIUM HYPOCHLORITE is a non-foaming, concentrated liquid sanitizer and deodorizer produced from a refined grade of liquid sodium hypochlorite of the type used for sanitizing in food processing plants.

It is also approved as a shell-egg sanitizer.

AUTHORIZATION

SODIUM HYPOCHLORITE is authorized for use under U.S.D.A. inspection and grading programs under category code letters:

D2. Sanitizers for all surfaces not always requiring a rinse.

Before using these compounds, food products and packaging materials must be removed from the room or carefully protected. A potable water rinse is not required following use of these compounds on previously cleaned hard surfaces provided that the surfaces are adequately drained before contact with food so that little or no residue remains which can adulterate or have a deleterious effect on edible products. A potable water rinse is required following use of these compounds under conditions other than those stated above. The compounds must always be used at dilutions and according to applicable directions provided on the EPA registered label.

FOOD INDUSTRIES GROUP

AUTHORIZATION (Cont'd)

Q4. Shell egg sanitizing compounds.

Eggs that have been sanitized with these compounds may be broken for use in the manufacture of egg products without a prior potable water rinse.

DIRECTIONS FOR USE

It is a violation of federal law to use this product in a manner inconsistent with its labeling.

Dairy Farm, Beverage and Food Processing Equipment: tanks, lines and milking machines.

1. Rinse with lukewarm water immediately after use. Drain.
2. Wash with recommended Diversey Wyandotte Cleaner. Drain.
3. Rinse with potable water.
4. Acid rinse with a low foaming acid cleaner. Drain.
5. Air dry - protect from dust and dirt.
6. Sanitize equipment immediately before reuse with 1 ounce of Diversey Wyandotte SODIUM HYPOCHLORITE in 2 gallons of water (200 ppm available chlorine). Expose equipment to sanitizer solution for at least 2 minutes or as specified by local regulations.

Food Processing and Dairy Farm Utensils: buckets and hoses.

1. Flush articles to be washed with warm water.
2. Wash in clean water with recommended Diversey Wyandotte detergent.
3. Rinse with potable water.
4. Air dry on a clean drainboard or rack. Protect from dust and dirt.
5. Sanitize in a solution containing 1 ounce of Diversey Wyandotte SODIUM HYPOCHLORITE in 2 gallons of water (providing 20 ppm available chlorine). Immerse all utensils for at least 2 minutes, or for contact time specified by local regulations. Test periodically with a chlorine test kit. When the available chlorine decreases to 50 ppm, discard the solution.

Odor and Mold Control

Spray or rinse problem surface with 5 ounces of SODIUM HYPOCHLORITE in 4 gallons of water (providing 500 ppm available chlorine). If applied to a food contact surface or metals subject to corrosive action, rinse with potable water and air dry.

SODIUM HYPOCHLORITE DILUTION TABLE

Fluid Ounces SODIUM HYPOCHLORITE

<u>Gallons of Water</u>	<u>50 ppm</u>	<u>100 ppm</u>	<u>200 ppm</u>
2	1/4	1/2	1
4	1/2	1	2
10	1 1/4	2 1/2	5
40	5	10	20

Automatic Feeding

The Single San Spray #2 or the Double San Spray #2-2 units are designed to dilute one ounce of product to 2 gallons of water automatically. This concentration will provide 200 ppm available chlorine sanitizing solution. Check solutions fed by automatic equipment at least daily with a Chlorine Test Kit to insure proper sanitizer concentrations.

PHYSICAL PROPERTIES

SODIUM HYPOCHLORITE is a liquid product having a faint yellow color.

CHEMICAL PROPERTIES

ACTIVE INGREDIENTS:

SODIUM HYPOCHLORITE	5.25%
INERT INGREDIENTS	94.75%
	<u>100.00%</u>

PRECAUTIONARY STATEMENTS

DANGER: Corrosive, may cause severe skin irritation or chemical burns to broken skin. Causes eye damage. Do not get in eyes, on skin or on 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. Do not return until odors have dissipated.

ENVIRONMENTAL HAZARDS: This pesticide is toxic to fish. Keep out of lakes, streams or ponds. Treated effluent may not be discharged into lakes, streams, ponds or public waters without a valid discharge permit. For guidance, contact the regional office of the Environmental Protection Agency.

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PRECAUTIONARY STATEMENTS (continued)

PHYSICAL AND CHEMICAL HAZARDS.

STRONG OXIDIZING AGENT. Mix only with water according to label directions. Mixing this product with gross filth such as feces, urine, etc., or with ammonia, acids, detergents or other chemicals may release hazardous gases irritating to eyes, lungs and mucous membranes.

STATEMENT OF PRACTICAL TREATMENT

If on skin, wash with plenty of soap and water. If in eyes, flush with water for at least 15 minutes. Get medical attention. If swallowed, drink large quantities of milk, or gelatin solution or, if these are not available, drink large quantities of water. DO NOT give vinegar or other acids. DO NOT induce vomiting. Get prompt medical attention.

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 reuse empty container but place in trash collection. Do not contaminate food or feed by storage, disposal or cleaning of equipment.

KEY WORDS

- Chlorine sanitizer
- Deodorizing agent
- Egg sanitizer
- Liquid sanitizer

PRECAUTIONARY STATEMENTS. HAZARDS TO HUMANS AND DOMESTIC ANIMALS.

DANGER: Corrosive, may cause severe skin irritation or chemical burns to broken skin. Causes eye damage. Do not get in eyes, on skin or on 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. Do not return until odors have dissipated.

ENVIRONMENTAL HAZARDS. This pesticide is toxic to fish. Keep out of lakes, streams or ponds. Treated effluent may not be discharged into lakes, streams, ponds or public waters without a valid discharge permit. For guidance, contact the regional office of the Environmental Protection Agency.

PHYSICAL AND CHEMICAL HAZARDS. STRONG OXIDIZING AGENT. Mix only with water according to label directions. Mixing this product with gross filth such as feces, urine, etc., or with ammonia, acids, detergents or other chemicals may release hazardous gases irritating to eyes, lungs and mucous membranes.

Diversey Wyandotte Sodium Hypochlorite

EPA Est. 18533-GA-2
EPA Reg. No. 875-93

Cleans • Disinfects • Deodorizes • Sanitizes
For Dairy Farm or Industry Use Only

ACTIVE INGREDIENT	
Sodium Hypochlorite	5.25%
INERT INGREDIENTS	
	94.75%
	100.00%

KEEP OUT OF REACH OF CHILDREN.

DANGER:

STATEMENT OF PRACTICAL TREATMENT:

If on skin, wash with plenty of soap and water. If in eyes, flush with water for at least 15 minutes. Get medical attention. If swallowed, drink large quantities of milk, or gelatin solution, or, if these are not available, drink large quantities of water. Do NOT give vinegar or other acids. Do NOT induce vomiting. Get prompt medical attention. See additional precautions on side panel.

Distributed by:

NET CONTENTS 1 GAL. (3.79 LITERS)

Diversey Wyandotte Corporation



FOOD INDUSTRIES GROUP
WYANDOTTE, MICHIGAN 48182

ACCEPTED
875-93
AUG 13 1984

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

DIRECTIONS FOR USE

GENERAL CLASSIFICATION.

It is a violation of federal law to use this product in a manner inconsistent with its labeling.

Dairy Farm, Beverage and Food Processing Equipment; tanks, lines, and milking machines.

1. Rinse with lukewarm water immediately after use. Drain.
2. Wash with recommended Diversey Wyandotte cleaner. Drain.
3. Rinse with potable water.
4. Acid rinse with a low foaming acid cleaner. Drain.
5. Air dry—protect from dust and dirt.
6. Sanitize equipment immediately before reuse with 1 ounce of Diversey Wyandotte Sodium Hypochlorite in 2 gallons of water (200 ppm available chlorine). Expose equipment to sanitizer solution for at least 2 minutes or as specified by local regulation.

Food processing and Dairy Farm utensils, buckets and hoses.

1. Flush article to be washed with warm water.
2. Wash in clean water with recommended Diversey Wyandotte detergent.
3. Rinse with potable water.
4. Air dry on a clean drainboard or rack. Protect from dust and dirt.
5. Sanitize in a solution containing 1 ounce of Diversey Wyandotte Sodium Hypochlorite in 2 gallons of water (providing 200 ppm available chlorine). Immerse all utensils for at least 2 minutes, or for contact time specified by local regulations. Test periodically with a chlorine test kit. When the available chlorine decreases to 50 ppm, discard the solution.

Odor and Mold Control

Spray or rinse problem surface with 5 ounces of Sodium Hypochlorite in 4 gallons of water (providing 500 ppm available chlorine). If applied to a food contact surface or metals subject to corrosive action, rinse with potable water and air dry.

USE DILUTION TABLE

Gallons Water	Ounces Sodium Hypochlorite		
	50 ppm	100 ppm	200 ppm
2	1/4	1/2	1

AUTOMATIC FEEDING

The Single San Spray #2 or the Double San Spray #2-2 units are designed to dilute one ounce of product to 2 gallons of water automatically. This concentration will provide 200 ppm available chlorine sanitizing solution. Check solutions fed by automatic equipment at least daily with a Chlorine Test Kit to insure proper sanitizer concentration.

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 reuse empty container but place in trash collection. Do not contaminate food or feed by storage, disposal or cleaning of equipment.

Date Packaged:

