

SILOXYCIDE®

Bactericide - Fungicide - Virucide* For Institutional/Industrial/Animal Facility/Farm Use General Disinfectant Concentrate

Active Ingredients:

Hydrogen Peroxide.....50.0%
Silver.....0.1%

Other Ingredients:.....49.9%
Total:.....100.0%

EPA Reg. No. 84526-2-66171

EPA Est. No. 66171-CA-001

EPA Est. No. 66171-TN-001

EPA Est. No. 47000-IA-01

EPA Est. No. 61282-WI-01

(First letter of batch number indicates establishment)

**KEEP OUT OF REACH OF CHILDREN
DANGER**

See side panels for additional Precautionary Statements

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: 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 the person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

If product, diluted in accordance with the Directions for Use, gets on skin, medical attention is not required.

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

HOTLINE NUMBER:

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For 24-hour emergency information on this product, call 1-800-498-5743 (US & Canada) or 1-651-523-0318 (all other areas).

PRECAUTIONARY STATEMENTS

Hazards To Humans And Domestic Animals

Danger. Corrosive. Causes irreversible eye damage and skin burns. Harmful if swallowed. Do not get in eyes, on skin, or on clothing. If fogged, avoid breathing spray mists. Wear protective eyewear such as goggles, face shield or safety glasses, and protective clothing (long-sleeved shirt and long pants, socks, rubber gloves, and chemical-resistant footwear). 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

Do not discharge effluent containing this product into lakes, streams, 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 into 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

This product is incompatible with oxidizing and reducing agents.

DIRECTIONS FOR USE: It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read the entire label before using this product.

Preparation of Use-Solution: Dilute 1 part of **Siloxycide** with 9 parts water (1:9) (or equivalent dilution).

Prior to disinfection or sanitization, pre-clean the target surface. Apply the use-solution to hard, non-porous surfaces, thoroughly wetting surfaces with a cloth, mop, sponge, or sprayer. For sprayer applications, hold spray 6 – 8 inches from the surface.

To Disinfect: Let stand for 10 minutes to air dry (rinsing not required). If desired, wipe with paper towel or clean absorbent material.

To Sanitize: Let stand for 5 minutes to air dry (rinsing not required). If desired, wipe with paper towel or clean absorbent material.

To Deodorize: Spray on surfaces as needed. Let air dry.

Do not use on polished wood, painted surfaces, leather, rayon fabrics, or acrylic plastics.

The **Siloxycide** use-solution kills the following organisms on enamel, sealed granite, brass, glass, chrome, glazed ceramic tile, copper, glazed porcelain, stainless steel, linoleum, cultured marble, vinyl tile, and synthetic marble surfaces. Do not use on glasses, dishes, utensils, or other food contact surfaces.

Bacteria:

Enterobacter aerogenes

Escherichia coli

Pseudomonas aeruginosa

Salmonella enterica

Staphylococcus aureus

Methicillin-Resistant *Staphylococcus aureus* (MRSA)

Viruses*:

Influenza A strain Hong Kong

Influenza A (H5N1)

Fungi:

Trichophyton mentagrophytes

Commercial Agricultural or Industrial Water System Injection for the Oxidization of Odors when they Form:

In well systems, **Siloxycide** is injected with a peristaltic pump through a ¼-inch plastic tube (or other comparable injection system) inserted into the well all the way to the well intake screens. The most distant faucet is tested with a supplied test strip until a residual of 25-50 ppm hydrogen peroxide is detected, indicating that the system has been thoroughly treated. The injection pump should then be adjusted to deliver 25 ppm on a consistent basis to the water system.



Net Contents: 2.5 gal. (9.46 L)

When treating the watering system for sick animals, the most distant faucet is tested with a test strip until a residual of 100-1,000 ppm hydrogen peroxide is detected, indicating that the system has been thoroughly treated. When this level is reached the injection is immediately reduced until the test strip indicates that 25 ppm is reached and the system is maintained at the 25 ppm level. This process can be repeated monthly to ensure a clean water system and avoid screen clogging.

Cleaning Poultry and Livestock Drinking Water Lines:

1. For drinking water lines 500 feet in length or less, using water holding tanks, make a 3% **Siloxycide** stock solution by mixing 3 gallons **Siloxycide** with 97 gallons of water.
2. For drinking water lines exceeding 500 feet in length, using holding tanks, make a 3% **Siloxycide** stock solution by mixing 6 gallons **Siloxycide** with 194 gallons of water.
3. Pump the 3% **Siloxycide** stock solution, completely filling the drinking water lines.
4. If the drinking water lines are not supplied by water from holding tanks, you may either prepare a 3% **Siloxycide** stock solution in a 50 gallon tank by mixing 1.5 gallons **Siloxycide** with 48.5 gallons of water, pumping this solution into the water line, repeating this process as often as needed, until water line is filled or you may fill the water line, using a proportioner, set to inject undiluted **Siloxycide** at a rate of 1:33 (3%).
5. After the water line is filled with the 3% **Siloxycide** solution, activate nipple drinkers to insure solution contact with drinkers.
6. Allow the 3% **Siloxycide** solution to remain in the water lines for 24 – 48 hours.
7. Flush lines with fresh water until water is visibly clear.

Disinfection and Deodorizing Animal Housing Facilities and Buildings, Farm Equipment, Poultry Premises, Coops, Trucks, and Crates:

1. Remove all animals or poultry from the facilities, items, and areas to be disinfected.
2. Remove gross soils, litter, droppings, etc., with a warm water flush or by sweeping.
3. Empty all troughs, racks, and other feeding and watering equipment.
4. Thoroughly clean all surfaces with detergent or cleaning solution, then rinse with water.
5. Prepare a disinfecting use-solution by adding 1 ounce of **Siloxycide** to 9 ounces of water.
6. Make sure area is well-ventilated prior to initiating treatment.
7. To disinfect, saturate surfaces with the disinfecting solution for at least 10 minutes.
8. Prior to reuse, thoroughly scrub treated feed equipment (e.g., feed racks, troughs, fountains, etc.) with a detergent and rinse with potable water.
9. Keep animals and poultry out of treatment areas and do not use treated equipment until solution has been completely absorbed and air dried.

Poultry Hatchery Disinfection:

1. Remove any eggs, chicks, poultry, and feeds along with all gross soils and other hatching-related debris.
2. Thoroughly clean all surfaces with an appropriate detergent or cleaning solution, then rinse with water.
3. Prepare a disinfecting solution by adding 1 ounce of **Siloxycide** to 9 ounces of water.
4. Make sure area is well-ventilated prior to initiating treatment.
5. Apply disinfecting solution via wiping, mopping, or spraying (use a coarse spray device) onto the surface to be treated. Let the use-solution soak in to the treated surface for at least 10 minutes, then allow to air dry.
6. Reintroduce eggs and chicks after all surfaces have dried.

Fogging:

Fogging of **Siloxycide** can be used for treating hard, non-porous surfaces in rooms as an adjunct following regular manual cleaning and disinfecting of room surfaces. **Siloxycide** ready to use product is recommended for use in fogging operations as a supplemental measure either before or after regular cleaning and disinfecting procedures. Fog until the area is moist using foggers according to the manufacturer's use directions.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage and disposal.

Pesticide Storage: Keep out of direct sunlight and away from heat. Do not freeze. Store in original container in areas inaccessible to small children and pets.

Pesticide Disposal: Pesticide wastes are acutely 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.

Container Disposal: *Nonrefillable container.* Do not reuse or refill this container.

If product leaks or spills should occur, please dilute with water and dry with absorbent material, or dilute with water as it is flushed into waste water drain. Offer for recycling, if available, or replace cap and discard in trash.

LIMITED WARRANTY

To the extent permitted by applicable law, Neogen Corporation makes no warranty concerning uses which extend beyond the use of the product under normal conditions in accordance with the statements made on this label. To the extent permitted by applicable law, Neogen Corporation shall not be liable for (1) any consequential, incidental, or special damages related in any way to this product or its uses, or (2) any damages related in any way to resistance to pesticides.

For non-emergency (e.g., current product information), call: **1-800-621-8829**.



Manufactured by: Preserve International®,
a Neogen® Company L6091-0718
944 Nandino Blvd., Lexington, KY 40511 U.S.A.
Emergency Phone: 1-800-498-5743 (U.S. & Canada)
or **1-651-523-0318** (all other areas)
Product Information (non-emergency)
Phone: 1-800-621-8829

Item No.480021/2.5

