

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Causes moderate eye irritation. Harmful if swallowed or absorbed through the skin. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling.

ENVIRONMENTAL HAZARDS

This product 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 provincial and local authorities. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority.

PHYSICAL AND CHEMICAL HAZARDS

Chlorine dioxide and Sodium Chlorite are strong oxidizing agents. Contamination with other materials such as acids, chlorine, organic chemicals, etc., may cause a chemical reaction resulting in evolution of chlorine dioxide and heat. Explosion and/or fire could result. Chlorine dioxide is a poisonous, explosive gas. Keep all chemicals and foreign materials away from this solution.

DIRECTIONS FOR USE

Follow all instructions for the chlorine dioxide application carefully. Always prepare and use chlorine dioxide solutions in a well-ventilated area and avoid breathing fumes. Treat water continuously from day one. Remove **AquaPrime NeoKlor** from drinking water 24 hours prior to vaccination, then resume treatment 24 hours after vaccination.

Automated Activation: Use **AquaPrime NeoKlor** with **AquaPrime Activator** (or a strong acid) to generate an aqueous chlorine dioxide solution using a chlorine dioxide generator. The generated chlorine dioxide solution can be added at a point in the system which ensures uniform mixing and distribution of up to 5 ppm of chlorine dioxide.

Manual Activation: **AquaPrime NeoKlor** can be activated manually in the stock tank for subsequent dilution by using an adjustable proportioner to obtain 1 to 5 ppm ClO₂ in the final treated water.

To make 151.4 liters of stock solution add:

- 147.6 liters of water,
- 1.89 liters of **AquaPrime NeoKlor**, and
- 1.89 liters of **AquaPrime Activator** (or a strong acid).

Close the lid of container. Insert the proportioner intake tube through lid. Adjust proportioner for targeted ClO₂ ppm in treated water. A 1:128 dilution will provide 4 to 5 ppm. 1:256 will provide 2 to 3 ppm of activated ClO₂ in typical water.

To Control Taste and Odor in the Water Supply System:

1. Prepare a solution with 5 ppm available chlorine dioxide by adding 1 part **AquaPrime NeoKlor** per 10,000 parts of water (1:10,000) (100 mL **AquaPrime NeoKlor** to each 1,000 liters). Allow 15 minutes before delivery to livestock or poultry.
2. If the water supply has heavy contamination, prepare a solution of 10 ppm available chlorine dioxide by adding 1 part **AquaPrime NeoKlor** per 5,000 parts of water (1:5,000) (200 mL **AquaPrime NeoKlor** to each 1,000 liters). Allow 15 minutes before delivery to livestock or poultry.
3. After 24 hours, the addition rate can be reduced to 1 ppm of available chlorine dioxide by adding 100 mL **AquaPrime NeoKlor** to each 5,000 liter of animal drinking water as long as terminal concentration at end of waterline is not less than 0.5 ppm.
4. Treat water continuously from day one. Remove **AquaPrime NeoKlor** from drinking water 24 hours prior to vaccination, then resume treatment 24 hours after vaccination.

AquaPrime®

NEOKLOR

7.5% Sodium Chlorite Solution

To Control Taste and Odor in the Water Supply System of Poultry, Swine, Cattle and other Livestock

FOR INDUSTRIAL AND COMMERCIAL USE ONLY

Components:

Sodium Chlorite.....CAS No. 7758-19-2

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

WEAR GOGGLES OR FULL FACE SHIELD WHEN HANDLING PRODUCT.

FIRST AID

HAVE LABEL WHEN OBTAINING TREATMENT ADVICE

If in Eyes:	Immediately flush with cool water. Remove contact lenses, if applicable, and continue flushing for 15 minutes. Obtain medical attention immediately.
If on Skin or Clothing:	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Get medical attention if irritation persists.
If Swallowed:	Immediately give 1-2 glasses of water if able to swallow. Induce vomiting. Repeat procedure until vomited fluid is clear. Call a poison control centre or doctor for treatment advice. Do not give anything by mouth to an unconscious person.
If Inhaled:	Move person to fresh air. If person is not breathing, call an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. If breathing is difficult, give oxygen. Call a poison control centre or doctor for treatment advice.
Have the product container or label with you when calling a poison control centre, or doctor, or going in for treatment. For 24-hour medical emergency information on this product, call 1-800-498-5743 (US & Canada) or 1-651-523-0318 (all other areas)	

Note: This product is not intended for use in human drinking water and treated water must not be made available for human consumption.

STORAGE AND DISPOSAL

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

STORAGE: Do not store with easily oxidizable materials, acids, reducers, and other combustible materials. Avoid heat or freezing conditions. Store upright and do not stack drums over two high on pallets or partially filled drums. Use of a drum pump is suggested. Keep drum tightly closed when not withdrawing liquid. In case of spills, dilute with large quantities of water. Do not allow liquid to dry because this could present a fire hazard. Store only in the original container and take care to prevent cross-contamination with other pesticide.

PRODUCT DISPOSAL: Waste resulting from the use of this product should be disposed of at an approved waste disposal facility.

CONTAINER DISPOSAL: Non-refillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace or tighten closures. Tip container on its side and roll back and forth several times, ensuring at least one complete revolution, for 30 seconds. Stand container on its end and tip back and forth several times. Turn the container over onto its other end and tip back and forth several times. Empty the rinsate into application equipment, mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, if allowed by local authorities by burning. If burned, stay out of smoke.

EMERGENCY HANDLING: In case of contamination or decomposition, do not resale container. Isolate in open, well-ventilated area. Flood with large volumes of water. Cool unopened drums in vicinity with water spray.

DISCLAIMER: To the extent permitted by applicable law, Seller makes no representation or warranty, either express or implied, for results due to misuse, improper handling, or improper storage of this material. Nor does Seller assume any responsibility for injury to persons, crops, animals, soil, or property arising out of misuse, improper handling, or improper storage of this material.

Medical: 1-800-498-5743
☎ 1-800-621-8829

Lot Number:

Date of Manufacture:

Date of Expiration:

Manufactured for:
Neogen® Corporation
620 Leshler Place
Lansing, MI 48912
L6353-1218

Imported by:
Neogen® Canada
21 College Ave West
Guelph, ON N1G 1R7
Canada



Net Contents: 208 Litres (55 U.S. gal.)

Item No. 480015/55-CAN



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