PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
DANGER: CORROSIVE. Causes irreversible eye damage. Avoid skin contact by wearing recommended personal protective equipment. Causes skin burns. Harmful if swallowed, inhaled, or absorbed through skin. Do not get in eyes, on skin, or clothing. Avoid breathing vapor or spray mist.

PERSONAL PROTECTIVE EQUIPMENT (PPE)
Wear chemical safety goggles and use a face shield where splashing and spraying is possible. Wear appropriate chemical-resistant gloves (neoprene is a protective material type). Wear protective clothing to minimize skin contact when handling. Wash hands thoroughly with soap and water after handling. Remove contaminated clothing/PPE immediately and wash before reuse.

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 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.

CHEMICAL HAZARDS
Dry sodium chlorite is a strong oxidizing agent. This product becomes a fire or explosive hazard if allowed to dry. Mix only into water. Contamination may start a chemical reaction with generation of heat, liberation of hazardous gases (chlorine dioxide, a poisonous, explosive gas), and possible fire and explosion. Do not contaminate with garbage, dirt, organic matter, household products, chemicals, soap products, paint, solvents, acids, vinegars, beverages, oils, pine oil, dirty rags, or any other foreign matter.

DIRECTIONS FOR USE
It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Directions for Use in the Mechanical or Electrolytic Generation of Chlorine Dioxide as a Disinfectant, or for Microorganism Control in Water and Wastewater Systems
AquaPrime NeoKlor may be used in the mechanical generation of chlorine dioxide for use in controlling microorganisms in water and wastewater systems. AquaPrime NeoKlor is fed to chlorine dioxide generation equipment, which produces an aqueous solution of chlorine dioxide by one of the following methods of generation:
1. The chlorine method, which uses AquaPrime NeoKlor and chlorine gas;
2. The hypochlorite method, which uses AquaPrime NeoKlor and a combination of hypochlorite solution, and an acid;
3. The acid-chlorite method, which uses AquaPrime NeoKlor and an acid as the activating agent;
4. The electrolytic method which uses AquaPrime NeoKlor, with sodium chloride added as needed

Your Neogen Corporation representative can guide you in the selection, installation, and operation of generation systems. Consult the instructions on the chlorine dioxide generation system before using AquaPrime NeoKlor.

FEED REQUIREMENTS
Feed rates of AquaPrime NeoKlor will depend on the severity of contamination and the degree of control desired. The exact dosage will depend on the size of the system and residual necessary for effective control. Depending on the generator type, AquaPrime NeoKlor may be diluted at the point of use to prepare a 3% to 7.5% active aqueous solution for use in chlorine dioxide generators.

In all cases, generated chlorine dioxide solution must be applied in such a manner as to ensure adequate mixing and minimal volatilization. The water stream to be treated may either be passed directly through the chlorine dioxide generator or treated via side stream injection point. The generation system employed must be in good working order and capable of achieving chlorine dioxide solutions free from chlorine contamination.

Because of the variability of demand in water and process systems, the dosage of chlorine dioxide required to achieve the target result is generally lower for continuous feed systems than for slug or timed feed applications. The minimum acceptable residual for chlorine dioxide, as determined by a verified procedure, is 0.1 ppm for a minimum one minute contact time.

APPLICATIONS
POTABLE WATER AND WASTEWATER DISINFECTION:
For most municipal and public potable water systems, a chlorine dioxide residual concentration up to 2.0 ppm is sufficient to provide adequate disinfection. Residual disinfectant and disinfection by-products must be monitored as required by the Surface Water Treatment Rule (40 CFR Part 141) and state drinking water standards. For wastewater and sewage applications, residual chlorine dioxide concentrations up to 5.0 ppm are generally adequate.

FOOD PROCESSING PLANTS, DAIRIES, BOTTLING PLANTS, AND BREWERIES:
AquaPrime NeoKlor is effective in disinfecting raw product and equipment. Consult the instructions on the chlorine dioxide generation system to achieve a chlorine dioxide residual concentration ranging from 0.25 to 5.0 ppm. Water, containing up to 3 ppm residual chlorine dioxide, may be used for washing fruits and vegetables that are not raw agricultural commodities, in accordance with 21 CFR § 173.300. Treatment of the fruits and vegetables with chlorine dioxide must be followed by a potable water rinse, or by blanching, cooking, or canning.

Poultry processing water must follow treatment. Care must be taken to ensure the biological and chemical quality of the potable water.

GENERAL INDUSTRIAL PROCESS WATER TREATMENT (OILFIELD INJECTION WATER, WHITE WATER PAPER MILL SYSTEMS, AND RECLIRCULATING COOLING TOWERS): For control of microbial slime, these systems will require a chlorine dioxide residual concentration ranging between 0.25 and 5.0 ppm. The AquaPrime NeoKlor dosage needed to achieve these levels will vary widely depending on the exact application.

Please consult your Neogen Corporation representative for assistance in determining the correct dosage level.

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

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

PESTICIDE WASTES: 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 re-use or refill this container. Offer for recycling if available. Offer for reconditioning if appropriate.

Triple Rinse as follows: Empty the remaining contents into application equipment and mix a tin mix and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Four rinse into application equipment or a mix tank or store rinse for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

Pressure Rinse as follows: Empty the remaining contents into application equipment or a mix tank and continue running for 10 seconds. When the flow begins to drip, hold container 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.

LIMITED WARRANTY
To the extent permitted by applicable law, Neogen Corporation makes no warranty concerning uses which extend beyond the use of this 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 incidental, indirect, special, or consequential damages related in any way to this product or its uses, or (2) any damages related in any way to resistances to pesticides.

For non-emergency (e.g., current product information), call 1-800-621-4829.

Directions for Use, continued
POULTRY PROCESSING WATER:
Use AquaPrime NeoKlor to generate chlorine dioxide for use as an antimicrobial agent in water used in poultry processing in an amount not to exceed 3 ppm residual chlorine dioxide, as determined by an appropriate method, in accordance with 21 CFR § 173.300.

AQUEOUS DISINFECTION SYSTEMS FOR CIP CLEANING:
If the concentration of chlorine dioxide generated from AquaPrime NeoKlor exceeds 5.0 ppm, a potable water rinse must follow treatment. Care must be taken to ensure the biological and chemical quality of the potable water.

Preserve International
5331 10th Street
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Made in USA

Item No. 480015/5

Net Contents: 5 gal. (18.9 L)