

DIRECTIONS FOR USE WITH WATER AND ICE

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

1. In potable water for the improvement of taste and odor and for inhibiting bacteria growth..... 1.0-5.0 ppm
2. In ice, as a sanitizer, made from potable water for use in drinking glasses and cups 20 ppm
3. In individual ice flaking and cubing machines to inhibit bacterial slime buildup..... 20 ppm

FOR COMMERCIAL USE:

1. In ice plants to inhibit bacteria and slime buildup on ice-making equipment..... 40 ppm
2. As a bacteriostat in ice..... 40 ppm

FOR HOSPITAL AND INSTITUTIONAL USE:

1. As a sanitizer in ice, made from potable water, while in ice storage equipment.....20 ppm

DILUTION CHART U.S. MEASURE

ClO₂ Purogene – Water

5 ppm	0.032	fl. oz. per gallon	or	0.25 ml per liter
10 ppm	0.064	fl. oz. per gallon	or	0.5 ml per liter
20 ppm	0.128	fl. oz. per gallon	or	1.0 ml per liter
40 ppm	0.256	fl. oz. per gallon	or	2.0 ml per liter
50 ppm	0.320	fl. oz. per gallon	or	2.5 ml per liter
100 ppm	0.640	fl. oz. per gallon	or	5.0 ml per liter

U.S. PATENTS: 2,701,781; 3,271,242; 3,278,447

FIRST AID

IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lens, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

IF SWALLOWED: Call a poison control center or doctor immediately for treatment advice. Have a 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.

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 NPIC at 1-800-858-7378.
(U.S. Canada, Puerto Rico, Virgin Islands) or 1-703-527-3887 (all other areas)

Purogene®

P R E M I U M - B L E N D

C H L O R I N E D I O X I D E

DEODORIZER AND SANITIZER INHIBITS THE GROWTH OF BACTERIAL COLONIES

NOW
5 Minute
Procedure!

FOR COMMERCIAL AND INSTITUTIONAL USE ONLY

Active ingredient: Chlorine Dioxide.....	2.00%
Other Ingredient.....	98.00%
	100.00%

EPA REG. NO. 9804-5 · EST. NO. 9804-OK-1

CAUTION

KEEP OUT OF REACH OF CHILDREN
PRECAUTIONARY STATEMENT: HAZARD TO HUMANS
AND DOMESTIC ANIMALS HARMFUL IF SWALLOWED
MAY CAUSE IRRITATION AVOID CONTACT WITH EYES

BIO-CIDE INTERNATIONAL, INC.

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CONTENTS 32 FL. OZ. (1-QT.) .9463 LITERS

DIRECTIONS FOR SANITIZING POTABLE WATER STORAGE TANKS.

1. Drain tank; remove sediments.
2. Fill tank with sanitizing solution
(See ACTIVATION AND DILUTION PROCEDURES below)
3. Drain small amount of sanitizer solution from all outlets, then add makeup solution to tank..
4. Allow sanitizing solution to stand for specified amount of time (See below)
5. Drain and flush system with potable water.
6. Fill tank with potable water.

ACTIVATION AND DILUTION PROCEDURES FOR SANITIZING POTABLE WATER STORAGE TANKS.

1 – HOUR PROCEDURE: (50 ppm available ClO₂) For each 50 gallons of tank capacity, mix 16 fl. oz. of Purogene with 1/4 cup (2 oz.) citric acid or equivalent in a plastic container. Let mixture stand five (5) minutes. Dilute activated concentrate with two (2) gallons of potable water. Pour solution into tank and fill with water. Allow active sanitizing solution to stand in tank for one hour.

5 – MINUTE PROCEDURE: (100 ppm available ClO₂) For each 50 gallons of tank capacity, mix 32 fl. oz. of Purogene with 1/2 cup (4 oz.) citric acid or equivalent in a plastic container. Let mixture stand five (5) minutes. Dilute activated concentrate with two (2) gallons of potable water. Pour solution into tank and fill with water. Allow active sanitizing solution to stand in tank for at least five minutes

STORAGE AND DISPOSAL

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

Product Storage: Store in a cool, dry, well-ventilated location away from acids, chlorine and chlorine compounds, hypochlorites (bleach), organic solvents, sulfur and sulfite compounds, phosphorus, combustible/ flammable materials, and direct sunlight. Keep containers tightly closed when not in use and open carefully to prevent spillage. Storage on wooden floors and pallets is not recommended.

Container Disposal: Triple rinse. Then offer for recycling or reconditioning; or puncture and dispose of in a sanitary landfill; or by incineration; or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

ENVIRONMENTAL HAZARDS

This pesticide 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.