**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**

<table>
<thead>
<tr>
<th>CIO</th>
<th>Purogene – Water</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 ppm</td>
<td>0.032 fl. oz. per gallon or 0.25 ml per liter</td>
</tr>
<tr>
<td>10 ppm</td>
<td>0.064 fl. oz. per gallon or 0.5 ml per liter</td>
</tr>
<tr>
<td>20 ppm</td>
<td>0.128 fl. oz. per gallon or 1.0 ml per liter</td>
</tr>
<tr>
<td>40 ppm</td>
<td>0.256 fl. oz. per gallon or 2.0 ml per liter</td>
</tr>
<tr>
<td>50 ppm</td>
<td>0.320 fl. oz. per gallon or 2.5 ml per liter</td>
</tr>
<tr>
<td>100 ppm</td>
<td>0.640 fl. oz. per gallon or 5.0 ml per liter</td>
</tr>
</tbody>
</table>

**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 NPC at 1-800-858-7378. (U.S. Canada, Puerto Rico, Virgin Islands) or 1-703-527-9887 (all other areas)

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**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: (60 ppm available OCl) 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 OCl) 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, sulfite and sulfite compounds, phosgene, 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:** Do not reuse or refill this container. Offer for recycling if available. Offer for reconditioning if appropriate. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into applications equipment or a mix tank and drain for ten seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Pour 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.

**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 first notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

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**Purogene® PREMIUM BLEND CHLORINE DIOXIDE**

**DEODORIZER AND SANITIZER**

INHIBITS THE GROWTH OF BACTERIAL COLONIES

**FOR COMMERCIAL AND INSTITUTIONAL USE**

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.**

2650 Venture Drive • Norman, Oklahoma 73069
www.bio-cide.com

Contents: 5 gallon

**NOW 5 Minute Procedure!**