

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

OCT - 2 2000

Theodore D. Head
Biocide International, Inc.
2845 Broce Drive
Norman, OK 73072

Subject: Purogene
EPA Registration No. 9804-5
Submission Dated September 8, 2000

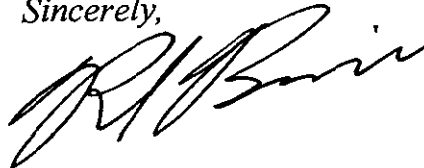
Dear Mr. Head:

The amendment referred to above, resubmitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended to change the "First Aid" in accordance with PR Notice 2000-3, is acceptable.

A stamped copy of your labeling is enclosed for your records. Submit one copy of the final printed label prior to release of the product for shipment.

If you have any questions concerning this letter, please contact me at (703) 308-6264.

Sincerely,



Robert S. Brennis
Product Manager 32
Regulatory Management Branch II
Antimicrobials Division (7510C)

CONCURRENCES							
SYMBOL	7510C						
SURNAME	Mitchell						
DATE	10-2-00						

Best copy available

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 & Institutional Use

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

Dilution Charts

ClO ₂ - Purogene - Water	ClO ₂ - Purogene - Water
10 ppm / .054 fl. oz. / gal	10 ppm / .5 ml / liter
20 ppm / .108 fl. oz. / gal	20 ppm / 1.0 ml / liter
30 ppm / .162 fl. oz. / gal	30 ppm / 1.5 ml / liter
40 ppm / .216 fl. oz. / gal	40 ppm / 2.0 ml / liter
50 ppm / .270 fl. oz. / gal	50 ppm / 2.5 ml / liter

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 public 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 sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

First Aid:

If Swallowed: Call a poison control center or doctor immediately for treatment advice.

Have 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 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 lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

Purogene®

premium-blend CHLORINE DIOXIDE

Commercial and Institutional Use

Deodorizer and Sanitizer

Inhibits the growth of bacterial colonies

Active ingredient: Chlorine Dioxide

Inert ingredients

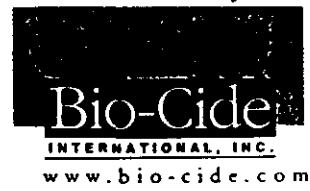
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100.00%

EPA Reg. No. 9804-5
Est. No. 9804-OK-1

CAUTION KEEP OUT OF REACH OF CHILDREN

Manufactured by:

Corporate Address:
2845 Broce Drive
Norman, Oklahoma 73072
1.800.323.1398



- Contents:
- 5 Gallons
 - 30 Gallons
 - 55 Gallons

Directions for use in sanitizing potable water storage tank.

1. Drain tank; remove sediments
2. Fill tank with sanitizing solution. (See chart 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.

Blending & Time Chart for Sanitizing Potable Water Storage Tanks

4-hour Procedure: Mix in 32 fl. oz. of Purogene for each 50 gallons of tank capacity.

2-hour Procedure: Mix in 64 fl. oz. of Purogene for each 50 gallons of tank capacity.

1-hour Procedure: For sudden or severe bacteria contamination - 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 (2) gallons of potable water. Pour solution into tank and fill with water.

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

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.

ACCEPTED

OCT - 2 2000

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended for the pesticide registered under EPA Reg. No. 9804-5