

3377-61

09/13/2002

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Clearbrom 1021 Disinfectant label

6/20/02

# CLEARBROM™ 1021 BIOCIDES

For Use In Disinfection of Pools, Spas and Hot Tubs and to Control Microbial Growth in Decorative Waters

Active Ingredient	
1,3-dibromo-5,5-dimethylhydantoin .....	99.4%
Other Ingredients .....	0.6%
Total .....	100.0%

Available bromine: 111%

## KEEP OUT OF REACH OF CHILDREN DANGER

### FIRST AID

**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.

**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 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.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

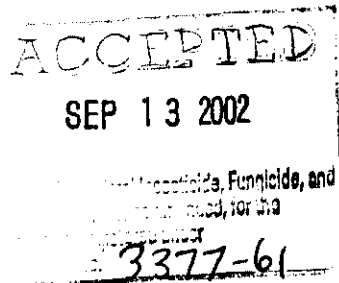
EPA Registration No. 3377-61  
EPA Est. 66397-OK-1, 58401-IL-1



451 Florida Street  
Baton Rouge, LA 70801

In case of emergency endangering life or property involving this product, call collect (225) 344-7147

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**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS  
DANGER**

**CORROSIVE.** Causes irreversible eye damage and skin burns. Do not get in eyes, on skin or on clothing. Wear chemical goggles or safety glasses, protective clothing and rubber gloves. May be fatal if swallowed. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Harmful if absorbed through skin. Harmful if inhaled. Avoid breathing dust. Remove contaminated clothing and wash clothing before reuse.

**ENVIRONMENTAL HAZARDS [for 50 pound packages and larger]**

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.

**PHYSICAL AND CHEMICAL HAZARDS**

**STRONG OXIDIZING AGENT.** Do not mix with other chemicals. Mix only with water. Never add water to product, always add product to large quantities of water. Use clean dry utensils. Do not add this product to any dispensing device containing remnants of any other product. Such use may cause a violent reaction leading to fire or explosion. Contamination with moisture, organic matter, or other chemicals may start a chemical reaction with generation of heat, liberation of hazardous gases and possible generation of fire and explosion. In case of contamination or decomposition, do not reseal container. If possible, isolate container in open air or well ventilated area. Flood with large volumes of water, if necessary.

**STORAGE AND DISPOSAL**

**STORAGE:** Keep this product dry in original tightly closed container when not in use. Store in a cool, dry, well ventilated area away from heat or open flame. Do not contaminate water, food, or feed by storage or disposal.

**PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, or if decomposition occurs, isolate container and flood area with large amounts of water to dissolve all material before discarding this container.

**CONTAINER DISPOSAL**

(small plastic jugs or pails) Do not reuse container, place in trash collection. Rinse thoroughly before discarding in trash.

(tear open pouches) Do not reuse bag. Discard in trash.

(plastic pails or drums 50 lb and larger) Triple rinse (or equivalent). Then offer for recycling or recondition, or puncture and dispose of in a sanitary landfill, or incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Note: Buyer assumes all responsibility for safety and use not in accord with directions.

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**DIRECTIONS FOR USE**

It is a violation of Federal Law to use this product in a manner inconsistent with the labeling. Read entire label and use strictly in accord with precautionary statements and Directions for Use.

**DISINFECTING SPAS AND HOT TUBS**

When used as directed, CLEARBROM 1021 BIOCIDE is an effective disinfectant for your spa or hot tub water, keeping it clean, clear and free of odor. CLEARBROM 1021 BIOCIDE gives the effectiveness of chlorine without the chlorine odor.

To start up a new spa or one recently drained, clean all surfaces, back flush or clean the filter, chemical balance the calcium hardness and total alkalinity, treat for iron, copper and manganese, if present. Adjust the pH to 7.2 - 7.6, prior to initiating treatment with CLEARBROM 1021 BIOCIDE.

Place CLEARBROM 1021 BIOCIDE in suitable feeder. Adjust the feeder according to the manufacturers directions to maintain an active bromine level between 2 - 4 ppm in residential spas and 3 - 6 ppm in commercial spas. Check your feeder regularly and add additional product as needed. Maintenance of residual is dependent on water temperature, light intensity and bather load, and requires frequent checks with a test kit. Use a reliable test kit for the bromine measurements. The pump and filter should be operated at least three hours every day regardless of use. Outdoor hot tubs and spas may require more frequent cleaning and treatment with CLEARBROM 1021 BIOCIDE.

To maintain clear, clean water and insure performance of your spa or hot tub chemicals, water should be drained and spa or hot tub refilled with fresh water every 60 days.

**DISINFECTION OF SWIMMING POOLS**Initial Application

Ensure all equipment is working properly. Backwash the filter system following the manufacturer's directions. Chemically balance the calcium hardness to 200 ppm and total alkalinity to 125 - 150 ppm. Adjust the pH to 7.2 - 7.6. Fill suitable feeder with CLEARBROM 1021. Adjust the flow of water into the feeder according to the manufacturer's directions to maintain an active bromine residual between 1 - 4 ppm as Br<sub>2</sub> in the pool (approximate use rate of 0.5 ounces per 1000 gallons of water). Maintenance of residual is dependent on ambient temperature, light intensity and bather load, and requires frequent checks with a test kit. Use a reliable test kit to measure bromine residual. The pump and filter should be operated at least three hours every day regardless of use. Outdoor pools may require longer filtering and consume higher amounts of CLEARBROM 1021.

Continued Application

Check the feeder weekly and refill with additional product. Adjust the flow of water into the feeder according to the manufacturer's directions to maintain an active bromine level between 1 - 4 ppm as Br<sub>2</sub> in the pool. Use a reliable test kit for the bromine measurement. The pump and filter should be operated at least three hours every day regardless of use. Outdoor pools may require longer filtering and consume higher amounts of CLEARBROM 1021.

Superoxidation: Water soluble, non-filterable wastes can accumulate in spa, hot tub and pool water causing dull or cloudy water and stimulating algae growth. Superoxidation or superchlorination with a suitable oxidizing shock treatment should be done on a regular basis to remove these wastes and maintain clear sparkling water. A suitable oxidizing agent is: **[ONE OR MORE OF THE FOLLOWING WILL APPEAR ON THE LABEL.]**

- ◆ Calcium hypochlorite *[alternatively a trade name may be substituted.]*
- ◆ Lithium hypochlorite *[alternatively a trade name may be substituted.]*

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- ◆ Sodium dichloroisocyanurate *[alternatively a trade name may be substituted.]*
- ◆ Sodium hypochlorite *[alternatively a trade name may be substituted.]*
- ◆ Potassium peroxymonopersulfate *[alternatively a trade name may be substituted.]*

When using other products as outlined in directions for this product, always follow directions on those products.

Do not directly mix this product in concentrated form with any other chemicals. Do not add other chemicals in the feeder when using this product. A violent reaction leading to fire and/or explosion could result.

Treatment levels of CLEARBROM 1021 can best be measured with test kits for either bromine or chlorine. Tests should be conducted immediately after drawing samples from the pool. Use test kits according to directions.

1. When a bromine test kit is used, results can be read directly as ppm bromine
2. When a chlorine test kit is used, results can be expressed in terms of bromine by multiplying chlorine values by the conversion factor 2.25.

After application, ensure that the bromine level is below 7.5 ppm before reentering the spa, hot tub or pool.

To determine pool capacity: Rectangular Pools - Length times width times average depth (in feet) times 7.5 equals gallons. Round and Oval Pools - long diameter times short diameter times average depth (in feet) times 5.9 equals gallons.

Do not broadcast into pool.

**DECORATIVE WATERS**

When used as directed, this product effectively controls algal, bacterial, and fungal slime in lakes, ponds, ornamental ponds and fountains that do not contain fish or other aquatic fauna. To control microbial growth add a sufficient amount of this product to achieve and maintain a bromine residual 0.5 - 5 ppm or as needed to obtain control of the system. If the using a dispensing device, adjust the device feed rate to assure a constant treatment level between 0.5 and 5 ppm residual bromine. Regular use of a test kit is necessary to maintain an appropriate bromine residual in the system.

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**CLEARBROM 1021 BIOCID**  
EPA Reg. No., 3377-61

Optional marketing statements

The following statements may or may not appear on the label, or may appear in combination

- For Use with Vinyl Lined Pools
- For Use in All Pools
- For above-ground and in-ground pools
- Ideal for all pool surfaces
- Ideal for all pool and spa surfaces
- Ideal for all pool, spa and hot tub surfaces
- Ideal for all spa and hot tub surfaces
- Ideal for above-ground pools
- Ideal for vinyl pool surfaces
- Safe for all pool surfaces
- Safe for all spa surfaces
- Safe for all pool and spa surfaces
- Safe for all pool, spa and hot tub surfaces
- Safe for all spa and hot tub surfaces
- For all pool surfaces
- For Spas & Hot tubs
  
- For use in all pool types (This statement alerts consumer to the fact they may use this product in above ground, in ground, indoor, outdoor, plaster, vinyl, and fiberglass pools)
  
- Easy to use
- Easy and convenient
- Convenient to use
- Easy, single-step bromine disinfectant
  
- Non-foaming
- Non-staining
- No heavy metals
  
- Oxidizes and clarifies for beautiful water
- Oxidizes and clarifies for clean, clear water
- Clarifies
- For routine disinfection and clarification
- Keeps water clear
- Provides Crystal Clear Water
- For Clear, Clean Water
- No more algae stains
- Sparkling, clear water
- Restores water sparkle
- Clear, clean water
- Disinfects, clarifies, and protects
  
- For application in feeders and floaters

Suitable for use with alternative devices such as ionizers, electrolysis and mineral feeders

Bromine disinfectant  
Bromine disinfectant and clarifier  
Disinfectant and algistat  
Disinfectant and algaecide  
Bromine technology  
Single step  
One step disinfecting system

Patented  
Patents pending

For commercial use

Slow dissolving nuggets

100% chlorine-free  
Chlorine-free  
Contains no chlorine  
No chlorine odor  
No chlorine smell  
No chloramines

Low odor

Kills E. coli and Enterococcus faecium  
Kills E. coli  
Kills Enterococcus faecium  
Kills bacteria such as E. coli and Enterococcus faecium

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