

67212-1

2/6/98

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HIGHLIGHTED COPY

# BBJ MICROBIOCIDE

KEEP OUT OF REACH OF CHILDREN

**DANGER**

ACTIVE INGREDIENTS:

2-Bromo-2-nitropropane-1,3-diol 95.0%

INERT INGREDIENTS:

5.0%

TOTAL

100.0%

SEE BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

BBJ Chemical Compounds, Inc.  
6802 Citicorp Blvd., Suite 500  
Tampa, Florida 33619

EPA REG NUMBER 67212-1

EPA EST NUMBER 67212-FL-001

NET CONTENTS \_\_\_\_\_ oz (\_\_\_\_\_ g)

DILUTE CONTENTS OF THIS PACKAGE BEFORE USE

**ACCEPTED**

FEB - 6 1998

Under the Federal Insecticide, Fungicide, and  
Rodenticide Act as amended, for the  
pesticide, registered under  
EPA Reg. No. 67212-1

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# BBJ MICROBIOCIDE DILUENT

For use with BBJ MICROBIOCIDE

Follow directions for mixing, use, storage, and disposal on the BBJ MICROBIOCIDE LABEL  
Use only according to label directions

## PRECAUTIONARY STATEMENTS:

Hazards to Humans and Domestic Animals:

Eye Contact: May cause irritation.

Seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and/or handling of this material when such use is contrary to directions.

In the event of an emergency, call toll free (day or night) 800/889-2251

Contains: Solvent 100%

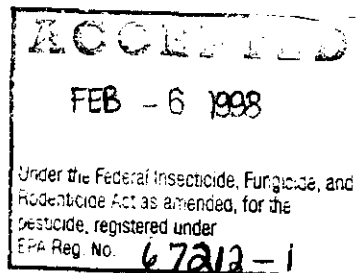
## FIRST AID:

For eye contact, immediately flush eyes with plenty of water. Get medical attention if irritation persists.

Patent Pending

Contents: \_\_\_\_\_ Fluid ounces

BBJ Chemical Compounds, Inc., Tampa, Florida  
813/622-8550



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### STATEMENT OF PRACTICAL TREATMENT

If swallowed - Drink egg whites, gelatin solution or, if these are not available drink large quantities of water. Call a physician.

If inhaled - Remove person to fresh air.

If on skin - Immediately flush with plenty of water for 15 minutes.

If in eyes - Immediately flush with plenty of water for 15 minutes. Call a physician.

Note to Physician:

Probable mucosal damage may contraindicate the use of gastric lavage.

### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

#### DANGER

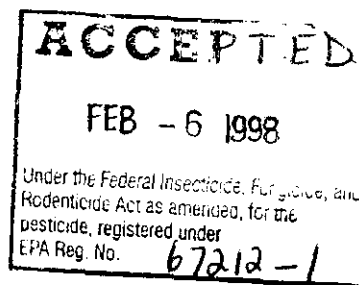
Corrosive. Causes eye and skin damage. Harmful or fatal if swallowed. Avoid breathing dust. Wear goggles or face shield and rubber gloves when handling. Wash thoroughly with soap and water after handling. Do not get in eyes, on skin or on clothing. Remove contaminated clothing and wash before re-use.

**ENVIRONMENTAL HAZARDS:** This product is toxic to fish. Do not contaminate water by cleaning of equipment or disposal of wastes. [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.]<sup>1</sup>

**STORAGE AND DISPOSAL:** Do not contaminate water, food or feed by storage or disposal. Keep away from heat.

**PESTICIDE DISPOSAL:** 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:** Completely empty package by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Triple rinse (or equivalent) then offer for recycling or reconditioning, or puncture. Dispose of package in a sanitary landfill, or by incineration, if allowed by State and local authorities. If burned, stay out of smoke.



<sup>1</sup> As per PR Notice 95-1, the bracketed effluent discharge language will only appear on containers when the net contents value is greater than or equal to 5 gallons.

## AIR CONDITIONERS

### DIRECTIONS FOR USE

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT  
IN A MANNER INCONSISTENT WITH ITS LABELING

Controls bacterial and algal growth in industrial, commercial and residential air conditioning and humidifying systems. Removes slime deposits. Do not use in air ducts, ductwork, or associated portions of these systems.

### METHOD AND LOCATION

Use as an intermittent flush treatment during regular maintenance/cleaning of air conditioning unit. Before use, remove visible debris and built-up contamination using a suitable industrial cleaner and rinse according to directions with clean water.

This package contains the microbiocide. The diluent is in the attached container. Prior to using, the contents of the package must be mixed with the contents of the diluent container and properly diluted with tap water:

1. Read and observe the instructions and precautions on package.
2. Remove top from this container.
3. Open diluent container and empty contents into this container.
4. Shake this container and allow to stand for 30 seconds or until crystals are completely dissolved.

Mix with water so as to achieve a final concentration of 100 PPM. The initial concentration must be adjusted to take into account water remaining in the system to avoid over dilution. For example, systems that have been in operation will normally contain residual water equal to the quantity that will be applied. In this case, the initial concentration should be the package contents in [1 quart] [1 gallon] [5 gallons] [55 gallons] of water and diluent to achieve a final concentration of 100 PPM. If higher or lower quantities of water are present in the system, adjust the initial dilution accordingly.

Apply using a spray, fog or pressure washer so as to thoroughly flush all parts that are normally wet during operation of this system. Do not rinse off. Following application, wait one hour before restarting unit.

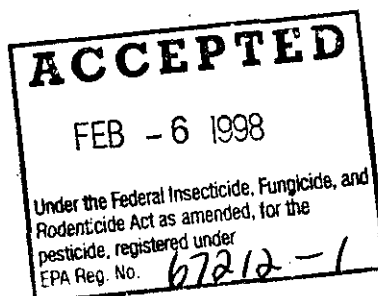
Dosing can also be carried out in humidifier tray, drain pan, or conditioning water sump on a routine basis. Shock dosing is preferred. Shock dosing should be carried out on a once weekly to once monthly basis. Dosing should be carried out to give an initial concentration of 50 PPM (the contents of this package in [1 gallon] [4 gallons] [20 gallons] [220 gallons] of water and diluent) for recirculating systems where growth is present. When the above treatment has been successful, dosing can be lowered to a minimum of 25 PPM.

### FREQUENCY

Flush treatment should be carried out each time the unit is cleaned or maintained. Shock dosing should be carried out on a once weekly to once monthly basis.

### QUANTITY - INITIAL AND MAINTENANCE

For intermittent treatment of air conditioning systems during routine maintenance, a concentration of 100 PPM microbiocide (active) should be used (the contents of this package dissolved in [2 quarts] [2 gallons] [10 gallons] [110 gallons] of water) for a contact time of at least one hour. Dosing in the water sump should be carried out to give an initial concentration of 50 PPM (the contents of this package in [1 gallon] [4 gallons] [20 gallons] [220 gallons] of water). When the above treatment has been successful, dosing can be lowered to a minimum of 25 PPM.



## AIR WASHERS

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT  
IN A MANNER INCONSISTENT WITH ITS LABELING

For the effective control of bacterial and algal growth in air scrubbing units and to reduce built up slime deposits.

### MIXING

Use as an intermittent flush treatment during regular maintenance/cleaning of air conditioning unit. Before use, remove visible debris and built-up contamination using a suitable industrial cleaner and rinse according to directions with clean water.

This package contains the microbiocide. The diluent is in the attached container. Prior to using, the contents of the package must be mixed with the contents of the diluent container and properly diluted with tap water:

1. Read and observe the instructions and precautions on package.
2. Remove top from this container.
3. Open diluent container and empty contents into this container.
4. Shake this container and allow to stand for 30 seconds or until crystals are completely dissolved.

Add to water so as to achieve the correct final concentration. The initial concentration must be adjusted to take into account water in the system to avoid over dilution.

### METHOD AND LOCATION

Dosing should be carried out into the water sump of the scrubbing unit on a routine basis. Shock dosing is preferred.

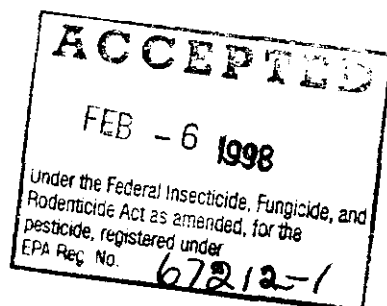
### FREQUENCY

Shock dosing should be carried out on a regular basis. Heavily fouled systems may require twice weekly treatment but moderate or light contamination will require only once weekly to once monthly additions.

### QUANTITY - INITIAL AND MAINTENANCE

Dosing should be carried out to give an initial concentration of 50 PPM. (50g/cubic meter or 0.84 lbs./ 1000 gallons). When the above treatment has been successful, dosing can be lowered to a minimum of 25 PPM. BBJ MICROBIOCIDE (25 g/cubic meter or 0.42 lb/1000 gallons) and a contact time of at least one hour.

BBJ MICROBIOCIDE can also be used as an intermittent flush treatment during regular maintenance/cleaning of the scrubbing unit. Before use, remove visible debris and built-up contamination using a suitable industrial cleaner and rinse according to directions with clean water. Dilute to 100 PPM (this package in [2 quarts] [2 gallons] [10 gallons] [110 gallons] of water). Apply using a spray, fog or pressure washer so as to thoroughly flush all parts that are normally wet during operation of this system. Do not rinse off. Following application, wait one hour before restarting unit.



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## EVAPORATIVE AIR CONDITIONERS

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT  
IN A MANNER INCONSISTENT WITH ITS LABELING

For the effective control of bacterial and algal growth in evaporative air conditioning units and to reduce built up slime deposits.

### MIXING

Use as an intermittent flush treatment during regular maintenance / cleaning of air conditioning unit. Before use, remove visible debris and built-up contamination using a suitable industrial cleaner and rinse according to directions with clean water.

This package contains the microbiocide. The diluent is in the attached container. Prior to using, the contents of the package must be mixed with the contents of the diluent container and properly diluted with tap water:

1. Read and observe the instructions and precautions on package.
2. Remove top from this container.
3. Open diluent container and empty contents into this container.
4. Shake this container and allow to stand for 30 seconds or until crystals are completely dissolved.

Add to water so as to achieve the correct final concentration. The initial concentration must be adjusted to take into account water in the system to avoid over dilution.

### METHOD AND LOCATION

Dosing should be carried out into the water sump of the unit on a routine basis. Shock dosing is preferred.

### FREQUENCY

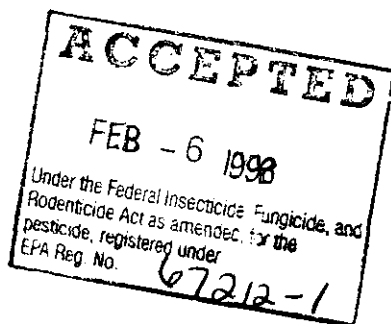
Shock dosing should be carried out on a regular basis. Heavily fouled systems may require twice weekly treatment but moderate or light contamination will require only once weekly to once monthly additions.

### QUANTITY - INITIAL AND MAINTENANCE

Dosing should be carried out to give an initial concentration of 50 PPM. (50g/cubic meter or 0.84 lbs./ 1000 gallons).

When the above treatment has been successful, dosing can be lowered to a minimum of 25 PPM. BBJ MICROBIOCIDE (25 g/cubic meter or 0.42 lb/1000 gallons) and a contact time of at least one hour.

BBJ MICROBIOCIDE can also be used as an intermittent flush treatment during regular maintenance/cleaning of the unit. Before use, remove visible debris and built-up contamination using a suitable industrial cleaner and rinse according to directions with clean water. Dilute to 100 PPM (this package in [2 quarts] [2 gallons] [10 gallons] [110 gallons] of water). Apply using a spray, fog or pressure washer so as to thoroughly flush all parts that are normally wet during operation of this system. Do not rinse off. Following application, wait one hour before restarting unit.



## FLOORS AND WALLS

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT  
IN A MANNER INCONSISTENT WITH ITS LABELING

To control odor causing bacteria on floors and walls.

### MIXING

This package contains the microbiocide. The diluent is in the attached container. Prior to using, the contents of this package must be mixed with the contents of the diluent container and properly diluted with tap water:

1. Read and observe the instructions and precautions on package.
2. Remove top from this container.
3. Open diluent container and empty contents into this container.
4. Shake this container and allow to stand for 30 seconds or until crystals are completely dissolved.

Mix with water so as to achieve a final concentration of 50 PPM (the contents of this package in [1 gallon] [4 gallons] [20 gallons] [220 gallons] of water and diluent).

### METHOD AND LOCATION

BBJ MICROBIOCIDE may be added to the water sump of the scrubbing machine. Dilute BBJ MICROBIOCIDE may also be sprayed on pre-cleaned surfaces so as to achieve total saturation. Apply using a spray or fog.

### FREQUENCY

Treatment interval will vary from once monthly to quarterly depending on severity of contamination.

### QUANTITY

Dosing should be carried out to give an initial concentration of 50 PPM. (contents of this package & diluent package in [1 gallon] [4 gallons] [20 gallons] [220 gallons] of water) For lightly contaminated surfaces, dosing can be lowered to a minimum of 25 PPM. BBJ MICROBIOCIDE (contents of this package & diluent in [2 gallons] [8 gallons] [40 gallons] [440 gallons] of water). For intermittent (non-routine) cleaning, BBJ MICROBIOCIDE should be used at 100 PPM. (contents of this package & diluent in [2 quarts] [2 gallons] [10 gallons] [110 gallons] of water).

