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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

AUG 26 2010

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

Hanna Silberberg  
Regulatory Affairs Manager  
ICL-IP America Inc.  
95 MacCorkle Avenue SW  
South Charleston, WV 25303

**FILE COPY**

Subject: Fuzzicide Solution  
EPA Reg. No. 8622-64  
Application Dated: May 28, 2010  
Receipt Date: June 1, 2010

Dear Ms. Silberberg:

The following amendment, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable with the conditions below.

**Proposed Amendment:**

- Label Amendment

**General Comments**

A stamped copy of the accepted labeling is enclosed. Submit 1 copy of your final printed label before distributing or selling the product bearing the revised labeling.

Should you have any questions concerning this letter, please contact me at [Henson.Wanda@epa.gov](mailto:Henson.Wanda@epa.gov) or call (703) 308-6345.

Sincerely,

A handwritten signature in black ink that reads "Wanda Henson".

Wanda Henson  
Acting Product Manager (32)  
Regulatory Management Branch II  
Antimicrobials Division (7510P)

# FUZZICIDE® SOLUTION

(AMMONIUM BROMIDE SOLUTION)  
A BACTERICIDE, SLIMICIDE AND ALGICIDE FOR TREATING  
RECIRCULATING COOLING WATER SYSTEMS AND PULP & PAPER MILLS

Active Ingredient: Ammonium bromide..... 35.0%  
Other Ingredients: ..... 65.0%  
Total: ..... 100.0%

**ACCEPTED**  
AUG 26 2010  
Under the Federal Insecticide, Fungicide, and  
Rodenticide, Act as amended, for the  
pesticide, registered under  
EPA Reg. No. 8622-64

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

FIRST AID	
If in eyes	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	

USE WITH ADEQUATE VENTILATION  
WASH THOROUGHLY AFTER HANDLING

[See side panels for additional precautionary statements]

**PRECAUTIONARY STATEMENTS  
HAZARD TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION  
CAUSES MODERATE EYE IRRITATION**  
Avoid contact with eyes or clothing.  
Wash thoroughly with soap and water after handling.

### ENVIRONMENTAL HAZARDS

This product is toxic to fish and aquatic organisms. Do not contaminate water by cleaning of equipment or disposal of waste. 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 sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

### DIRECTIONS FOR USE

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

FUZZICIDE® SOLUTION is to be used only in conjunction with: 1) an oxidant such as sodium hypochlorite (typically 12.5%) to produce FUZZICIDE® biocide; and 2) the FUZZICIDE® feeder/delivery system (described below). FUZZICIDE® SOLUTION and the oxidant are mixed in a specially designed reactor which produces the biocide on site. The FUZZICIDE® feeding system controller ensures the automatic production of the dilute

biocide solution and controls the organization of the biocide production process. The design of treatment, installation, calibration and operation of the feeding system in all plants should be conducted only by authorized and trained personnel.

Use of this product for any other purposes or contrary to the instructions below, or without the supervision of authorized trained personnel is prohibited. The biocide produced by the feeder is immediately added to the process waters for which treatment is required. The biocide may be added to any point of uniform mixing. Addition may be continuous or intermittent depending on the severity of the contamination when treatment starts, and on other system operation parameters.

**Note:** Do not use other feeding modes to mix FUZZICIDE® SOLUTION and the oxidant, or mix FUZZICIDE® SOLUTION with other additives so as to avoid decomposition of the biocide. Non-authorized personnel are prohibited from operating or otherwise handling the feeding system or its chemical ingredients.

**RECIRCULATING COOLING SYSTEMS**

Used effectively at dosages recommended to achieve exposure to 0.3-5.0 parts per million (ppm) of residual biocide expressed as total chlorine, or as needed to maintain control of algal, bacterial, and fungal slimes in industrial cooling towers, evaporative condensers, heat exchange water towers, influent systems such as flow through filters, industrial water scrubbing systems, brewery pasteurizers, sewage systems (septic tanks, leach fields, tank lines, sewers, lagoons, and sewage effluent water), industrial air-washing systems equipped with a mist eliminator.

**Dosage Rates**

Initial dose: When noticeably fouled, add sufficient biocide produced by the reactor to achieve a measured concentration of 0.3 - 5.0 ppm residual biocide, expressed as total chlorine. The recommended dosage is typically achieved by mixing 0.54 gallons of Sodium Hypochlorite (12.5%) with 0.22 gallons of FUZZICIDE® SOLUTION in the reactor.

Subsequent Dose: Once microbial control is evident, add sufficient biocide produced by the reactor to maintain the measured residual biocide concentration at 0.3 - 5.0 ppm in process waters, expressed as total chlorine. Continue as in initial dose.

**PULP AND PAPER MILLS**

Used for the control of algal, bacterial and fungal slimes, in pulp and paper mill fresh and sea water influent systems, and associated cooling water systems and wastewater treatment systems, pulp, paper and paper board mills systems, nonpotable water systems, starch slurries, and other process water. Apply biocide as directed.

**Dosage Rates**

Initial dose: When noticeably fouled, add sufficient biocide produced by the reactor to achieve a measured concentration of 0.3 -10.0 ppm residual biocide, expressed as total chlorine. The recommended dosage is typically achieved by mixing 0.54 gallons of Sodium Hypochlorite (12.5%) with 0.22 gallons of FUZZICIDE® SOLUTION in the reactor. Do not exceed 0.20 gallons of FUZZICIDE® SOLUTION per 2205 pounds of dry weight fiber in paper and paperboard components that contact food.

Subsequent Dose: Once microbial control is evident, add sufficient biocide produced by the reactor to maintain the measured residual biocide concentration at 0.3 -10.0 ppm in process waters, expressed as total chlorine.

**STORAGE AND DISPOSAL**

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

**STORAGE**

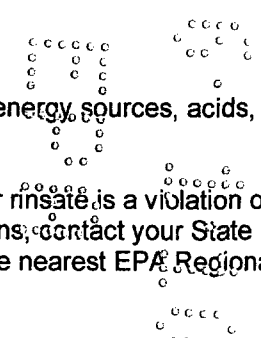
Store in a cool, dry, well-ventilated area, in well-closed original containers, away from energy sources, acids, alkaline, and heavy metal salts.

**PESTICIDE DISPOSAL**

Pesticide wastes are acutely hazardous. Improper disposal of excess spray mixture, or rinseate 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 agent or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**CONTAINER HANDLING**

Non-refillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds.



Stand the container on its end tip it back and forth several times. Empty rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.

**SPILLS**

When handling or dealing with spills, use impact-resistant goggles with side shields or face shield; body-covering clothes, including impervious rubber or plastic gloves and boots; use approved respirator. Absorb on sand or vermiculite and place in closed container and dispose as described for pesticide disposal. If containers are contaminated or decomposing, do not reseal; isolate unsealed container in the open or a well-ventilated area; flood with large volumes of water if necessary.

**DO NOT SMOKE, DRINK, OR EAT WHEN HANDLING.  
DO NOT SHIP WITH FOOD, FEEDS, DRUGS, OR CLOTHING.  
KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE.**

**WARRANTY**

Seller warrants that this product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with label directions under normal conditions of use, but neither this warranty nor any other warranty of MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, express or implied, extends to the use of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to Seller, and Buyer assumes the risk of any such use.

Manufactured for:  
ICL-IP America, Inc.  
95 MacCorkle Avenue S.W.  
South Charleston, WV 25303

EPA Reg. No. 8622-64 EPA Est No. \_\_\_\_\_

NET CONTENTS: \_\_\_\_\_ LBS.

