

U.S. ENVIRONMENTAL PROTECTION
AGENCYOffice of Pesticide Programs
Antimicrobials Division (7510C)
1200 Pennsylvania Avenue NW
Washington, D.C. 20460

EPA Reg.

Number:

8622-85

Date of
Issuance

JAN 31 2014

Term of Issuance:

UnConditional

Name of Pesticide

Product:

BROMOTOP-30

NOTICE OF PESTICIDE:

☒ Registration☐ Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

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

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis the of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA Section 3(c)(5) provided that you:

1. Submit and/or cite all the data required for registration of your product under FIFRA Section 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit required by registration review under FIFRA Section 3(g).
2. To satisfy OPPTS 830.6317 (storage Stability) and OPPTS 830.6230 (corrosion Characteristics) requirements, results for a minimum of one year storage stability and corrosion characteristics study must be submitted to the Agency for review.

Signature of Approving Official:

Mashall Swindell
Product Manager Team-33
Regulatory Management Branch I
Antimicrobials Division (7510P)

Date:

JAN 31 2014

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If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec.6 (e). Your release for shipment of the product constitutes acceptance of these conditions.

Submit two (2) copies of the revised labeling bearing the labeling revisions listed above. A stamped copy of the label is enclosed for your records.

If you have questions concerning this matter, please contact Marshall Swindell at (703) 308-6341 or by email at swindell.marshall@epa.gov

Sincerely,



Marshall Swindell
Product Manager 33
Regulatory Management Branch I
Antimicrobials Division (7510P)

Enclosures: (Stamped Label)

{All text in brackets [xxx] is optional and may or may not be intended on a final label.}

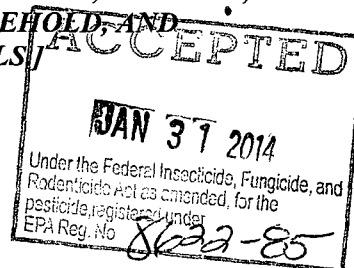
{All text in braces {xxx} is administrative and will not appear on a final label.}

Bromotop-30

[THIS PRODUCT IS A LIQUID MICROBIOCIDICIDE FOR USE IN CONTROLLING THE GROWTH OF BACTERIA AND ALGAE IN INDUSTRIAL APPLICATIONS], [AND] [AS A PRESERVATIVE TO INHIBIT BACTERIAL SPOILAGE DURING] [MANUFACTURE], [DISTRIBUTION], [USE AND STORAGE OF INDUSTRIAL], [HOUSEHOLD] [AND] [INSTITUTIONAL PRODUCTS] **[THE FOLLOWING APPLICATION ARE NOT APPROVED IN THE STATE OF CALIFORNIA:**

WATER-BASED PRINTING INKS AND FOUNTAIN SOLUTIONS; WATER BASED AGRICULTURAL PESTICIDE CONCENTRATES; INDUSTRIAL AND/OR COMMERCIAL AIR WASHER; OIL AND GAS PIPELINE AND TANK MAINTENANCE; STARCH, PIGMENT, AND EXTENDER SLURRIES; MINERAL SLURRIES; CONSUMER, HOUSEHOLD, AND INSTITUTIONAL PRODUCT; SURFACTANTS AND RAW MATERIALS]

[Not for the control of algae in the State of California.]



KEEP OUT OF REACH OF CHILDREN

DANGER

Active Ingredient:

2-Bromo-2-nitropropane-1,3-diol: 30%

Other Ingredients: 70%

Total: 100%

FIRST AID

| | |
|------------------------|---|
| If swallowed | <ul style="list-style-type: none"> • 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 | <ul style="list-style-type: none"> • 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 treatment advice. |
| If in eyes | <ul style="list-style-type: none"> • 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 | <ul style="list-style-type: none"> • 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. |

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

YOU MAY ALSO CONTACT [1-800-420-9236] FOR EMERGENCY MEDICAL TREATMENT INFORMATION

NOTE TO PHYSICIAN

Probable mucosal damage may contraindicate the use of gastric lavage.

See [back] [side] panels for additional precautionary statements [and first aid].

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER

CAUSES IRREVERSIBLE EYE DAMAGE. MAY BE FATAL IF SWALLOWED OR INHALED. DO NOT GET IN EYES OR ON CLOTHING. DO NOT BREATHE VAPOR OR SPRAY MIST. WEAR PROTECTIVE EYEWEAR SUCH AS GOOGLES OR FACE SHIELD. WASH THOROUGHLY WITH SOAP AND WATER AFTER HANDLING AND BEFORE EATING, DRINKING, CHEWING GUM, USING TOBACCO, OR USING THE TOILET. REMOVE AND WASH CONTAMINATED CLOTHING BEFORE REUSE. WEAR A RESPIRATOR WITH AN ORGANIC-VAPOR REMOVING CARTRIDGE WITH A FILTER APPROVED FOR PESTICIDES (MSHA/NIOSH APPROVAL NUMBER PREFIX TC-23C), OR A CANISTER APPROVED FOR PESTICIDES (MSHA/NIOSH APPROVAL NUMBER PREFIX TC-14G), OR A NIOSH APPROVED RESPIRATOR WITH AN ORGANIC VAPOR (OV) CARTRIDGE OR CANISTER WITH ANY N, R, P, OR HE PRE-FILTER.

PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers must wear: Coveralls over long-sleeved shirt and long pants, socks and chemical resistant footwear, goggles with side shields, face shield and chemical-resistant gloves such as or made of any water-proof material. Wear a respirator with an organic-vapor removing cartridge with a filter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C), or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G), or a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with any N, R, P, or HE pre-filter. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions exist for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users should remove personal protective equipment immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and chain into clean clothing.

ENVIRONMENTAL HAZARDS

{For end-use products in containers with sizes of less than 50 pounds.}

[This pesticide is toxic to fish.]

{For end-use products in containers with sizes of greater than or equal to 50 pounds.}

[This pesticide is toxic to fish. Do not discharge effluent containing this product into lakes, ponds, streams, estuaries, oceans, or public water 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 OR CHEMICAL HAZARDS

Avoid contact with metal equipment such as scoops, mills, and sieves.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read entire label and use strictly in accordance with precautionary statements and directions.

[GENERAL USE DIRECTIONS

To control the growth of slime-forming, spoilage, odor-causing and corrosion inducing bacteria and algae in industrial applications. **Not for control of algae in California.**

This product can be dosed directly, or by preparing a stock solution immediately prior to application, either by open pouring (not cooling water treatment) or by metered pump. For process application treatments this product may be slug dosed initially when the system is not noticeably fouled and reduced to a maintenance dose once microbial control is evident. For some applications treatment may be by slug dose or by maintenance dose only. More frequent and higher dosing should be used when contamination is heavy. The recommended dosing regimens (slug/maintenance dose) and the dose rates are as indicated in the individual use area instructions.

For preservation during the manufacture, distribution, storage and use of industrial, consumer, household and institutional products, this product is best added at any liquid phase as late as possible during the manufacturing process. It may be added by pre-dissolving in any water to be incorporated into the formulation. Add after any heating stage, or when the product has been cooled below 40°C. Ensure good mixing and even distribution throughout the product. Do not apply this product in any way that will contact workers or other persons.]

[WATER-BASED PRINTING INKS AND FOUNTAIN SOLUTIONS

During the use of fountain solutions, shock dose this product at 167-333 ppm (1.4-2.8 lbs./1,000 gallons) depending on the contamination. Apply once weekly in the fountain reservoir as a normal routine or more frequently, if required. For In-Can preservations dose this product at 333-1,667 ppm based on the final formulation volume (2.8-14 lbs./1,000 gallons).]

[METAL WORKING FLUIDS

For use in soluble oils, semi-synthetic and synthetic fluids. Add directly to the sump (with agitation) and allow circulating for about one hour before shutdown. This product may be incorporated in the metalworking fluid concentrate by the manufacturer who should ensure that any incompatibility will not affect the efficacy. In diluted fluids add 333-3,333 ppm of this product (3.3 lbs. of this product in 1,000 lbs. will give a dose level of 1,000 ppm).]

[ABSORBENT CLAYS, CORN COBS, AND GROUND WOOD

For preservation, impregnate absorbent clays, corn cobs, and ground wood with this product to inhibit the growth of odor causing bacteria by spraying or pouring solutions of 83-667 ppm (0.13-1.06 oz. av. per 100 pounds of absorbent material).]

[PAINTS AND OTHER EMULSIONS SYSTEMS

For the preservations of acrylic, styrene-acrylic, polyvinyl acetate and other latex emulsions, latex emulsion based paints, photographic emulsions, silicone and other antifoam emulsion systems.

Add this product at 333-1,667 ppm based upon the final formulation volume (2.8-14 lbs./1,000 gallons).]

[CHEMICAL TOILET DEODORANTS

To inhibit the growth of odor-causing bacteria in toilets, chemical deodorant concentrates should incorporate this product at levels of 3.3-93% depending upon the desired concentration level. To effectively control odor in a portable toilet, a level of 333-1,667 ppm of this product is recommended.]

[GENERAL PRESERVATION

For the preservation of industrial products such as adhesives, starch, pigments, mineral slurries, paint and emulsion systems such as acrylic, styrene acrylic, and polyvinyl acetate, other latex emulsions, latex emulsion based paints, photographic emulsions, silicone and other antifoam emulsion systems. Consumer, household and institutional products such as dishwashing liquids, surface cleaners and polishes. Surfactants and raw materials for the manufacture of industrial and consumer products, also industrial water additive formulations for use in processes such as cooling water, process water, boiler water, and waste water products.

For general preservation application this product should be dosed at 333-1,667 ppm based on the final formulation volume (333-1,667 g/cubic meter or 2.8-14 lbs./1,000 gallons). For difficult to preserve formulations such as adhesives and those containing naturally derived ingredients, doses up to 3,333 ppm (0.3-100 lbs. total formulation weight) may be required.]

[CONCRETE ADMIXTURES

For the preservation of concrete admixtures based on polycarboxylates, lignosulphonates, naphthaline sulphonates, melamine sulphonates, and other systems.

Add this product at 250-2,500 ppm based upon the final formulation volume (2.1-21 lbs./1,000 gallons).]

[WATER BASED AGRICULTURAL PESTICIDE CONCENTRATES (not approved for this use in the state of California)

For preservation, this product should be dosed at 333-1,667 ppm based on the final formulation volume (333-1,667 g/cubic meter or 2.8-14 lbs./1,000 gallons).]

[PAPER MILLS – BULK PAPER

Add this product directly into the hydropulper, machine chest, or stock chest. Apply once weekly to once daily at 167-667 ppm (0.4 – 1.5 lbs. per ton).]

[PAPER MILL PROCESS WATER

Apply at a convenient point early in the process system (machine chest, constant head box or backwater loop system). Dose this product once to three times daily at 3.3-83 ppm in the process water. This equates to 0.07-1.66 lbs. per ton of finished paper or paperboard.]

[INDUSTRIAL COOLING WATER (not approved for use industrial and/or commercial air washers in the state of California)

For use in cooling towers, evaporative condensers, open and closed loop cooling and stored (non-potable) water, industrial and/or commercial air washers, air conditioning and humidifying systems. This product will reduce the biofouling of pipe work, heat exchangers, and condenser tubes and minimize microbial-induced corrosion. Apply this product once weekly to once monthly to the sump or tank where turbulence and flow will ensure quick dissolution. Do not apply by open pouring of liquid to cooling water systems; a metering pump delivery system is required for this use and application method.

Shock dose this product at 167-333 ppm (1.4-2.8 lbs./1,000 gallons). Subsequent dosing can be reduced to 83 ppm.]

[OIL AND GAS FIELD FRACTURING WATER AND FLUIDS

For the reduction of bacterial contamination of fracturing gels and fluids utilized in the soil and gas fields. This product may be added to the fracturing water storage tank, during the mixing of fracturing fluids, or to the well head immediately before the injection of fracturing fluids.

Frequency and dose: This product should be added to the fracturing water storage tank as a slug dose once to two times per week, and should be used for each individual fracturing operation.

Recommended use: 30-667 ppm (0.075-5.6 lbs./1,000 gallons).]

[OIL FIELD WATERFLOODING WATER AND FLUIDS

For the control of bacterial contaminants of injection water and fluids in waterflood and enhanced oil recovery, add this product to any base fluid or inject directly into the well head.

Frequency and dose: This product should be added as a slug dose once or two times per week to once per month for maintenance. Recommended use: 30-667 ppm (0.075-5.6 lbs./1,000 gallons).]

[OIL AND GAS FIELD PRODUCED WATER AND FLUIDS

For the reduction of bacterial contamination of formation water produced by wells in the oil and gas fields, this product should be injected in a single dose at any convenient point of the water-containing oil or gas stream, water-oil or water-gas separation, and produced water treatment.

Frequency and dose: this product should be added as a slug dose once to three times per week depending on the severity of contamination. Recommended use: 223-667 ppm (0.9-5.6 lbs./1,000 gallons).]

[OIL AND GAS PIPELINE AND TANK MAINTENANCE

For use in water bottoms in crude and refined hydrocarbon storage tanks, piping, and transportation systems.

Inject this product directly into the water bottom or pipeline, or add to the hydrocarbon phase.

Treat once daily for pipeline maintenance to once every once or two months for both storage and transportation systems. Apply this product at 83-667 ppm (0.7-5.6 lbs./1,000 gallons, or 70-560 mL/cubic meter, or 0.56-4.5 pt./1,000 gallons of aqueous phase). Higher levels may be added when doing the hydrocarbon phase which will result in longer term protection by gradual diffusion into the water.]

[ADHESIVES

For in-can preservation of water-based adhesives and mastics incorporating acrylate and other polymer dispersions as 140-725 mL, or 0.3-1.5 pt. of this product per 100 lbs. total formulation weight to any water to be incorporated into the formulation.]

[STARCH, PIGMENT, AND EXTENDER SLURRIES (not approved for use in pigments the state of California)

For in-can preservation apply this product to water based solutions of starch or pigments and extender slurries such as kaolin, calcium carbonate and titanium dioxide. Recommended use rates are 280-1,400 mL/cubic meter or 2.2-11.2 pt./1,000 gallons based on the final formulation volume (100-500 ppm active ingredient).]

[MINERAL SLURRIES (not approved for this use in the state of California)

For the control of microbial contamination in mineral slurries, the recommended use rates of this product are 117-1,667 ppm (1.0-14.0 lbs./1,000 gallons, or 98-1,400 mL/cubic meter or 0.78-11.2 pt./1,000 gallons) based on the final formulation volume.]

[CONSUMER, HOUSEHOLD, AND INSTITUTIONAL PRODUCT; SURFACTANTS AND RAW MATERIALS

For preservation of products such as dishwashing liquids, surface cleaners, polishes; bulk ionic, nonionic, amphoteric and cationic surfactants and raw materials supplied to the manufacturer of industrial and consumer products, this product should be dosed at 333-1,667 ppm (2.8-14.0 lbs./1,000 gallons, or 280-1,400 mL/cubic meter or 2.2-11.2 pt./1,000 gallons) based on the final formulation volume.]

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE

Product should be stored in an area that is not subject to extreme temperatures. Store in a cool, dry place and in such a manner as to prevent cross contamination with other pesticides, fertilizers, food, and feed.

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 HANDLING

{For plastic containers less than or equal to 5 gallons.}

[Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple Rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration.]

{For plastic containers greater than 5 gallons.}

WARRANTY

Produced for:

EPA Reg. No.: 8622-IL

EPA Est. No.: _____

[Material][Label] No. _____

NET CONTENTS: _____ [lbs.][kg.][gal.][fl. oz.]

[Batch][Lot] No. _____