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U.S. ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (WH-567) WASHINGTON, D.C. 20460	EPA REGISTRATION NO.	DATE OF ISSUANCE
	48211-11	December 7, 1984
	TERM OF ISSUANCE	
<b>NOTICE OF PESTICIDE:</b> <input checked="" type="checkbox"/> REGISTRATION <input type="checkbox"/> REREGISTRATION (Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)	NAME OF PESTICIDE PRODUCT	
	Bio Pine	

DEC 7 1984

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Intexcon Chemical Company  
 3647 W. 11 Avenue  
 St. Louis, MO 63109

NOTE: Changes in labeling formula 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 U.S. EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this 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 registration is being issued in accordance with Section 3(c)(7)(A) of the FIFRA subject to the following conditions:

(1) It is understood that you will submit and/or cite all data required for registration or reregistration of your product under Section 3(c)(5) of the FIFRA when the Agency requires all registrants of similar products to submit such data.

(2) The registration number which has been assigned to this product must appear on the label as EPA Registration No. 48211-11.

(3) You will submit five copies of your finished printed label as described in the A-70 enclosure. These labels may be submitted to the Agency before you release the product for shipment to comply with Executive Order 11724 of June 18, 1972. Refer to Section 162.10 of Title 40 of the Code of Federal Regulations for general labeling requirements. Failure to comply with these requirements may result in rejection of your label.

A stamped copy of the draft label is enclosed for your records. Your release of the product to the market constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with Section 6(e) of the FIFRA.

*A. F. Castillo*  
 do  
 A. F. Castillo  
 Product Manager (32)  
 Disinfectants Branch  
 Registration Division (WH-567)

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL \_\_\_\_\_ DATE \_\_\_\_\_

\*\*This disinfectant is also an effective virucide at 6 oz/gal for Influenza virus, Type A, Brazil on inanimate environmental surfaces.

This product may be used for cleaning and deodorizing, one-step cleaning, and disinfection, or disinfection of precleaned, non-porous, inanimate hard surfaces.

This disinfectant is effective against a wide variety of gram-positive and gram-negative bacteria. It is also an excellent deodorant and is especially effective in controlling odors that are bacterial in origin.

This disinfectant mixes with water to form clear, stable use solutions. Use solutions are non-corrosive and non-staining to plastic, vinyl, synthetics, enamel, tile and most common metals. Has a pleasant pine odor.

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

Causes severe eye and skin damage. Do not get in eyes, on skin or on clothing. Harmful if swallowed. Avoid contamination of food. Wear goggles or face mask and rubber gloves when handling.

**ENVIRONMENTAL HAZARDS:** This product is toxic to fish. Do not discharge into lakes, streams, ponds, or public water unless in accordance with an NPDES Permit.

**PHYSICAL OR CHEMICAL HAZARDS:** Do not use or store near heat or open flame.

**USE DIRECTIONS**

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

**APPLICATION INFORMATION**

Select the proper dilution of this product for your use from the directions below. Apply the use solution with a clean mop, sponge, cloth, squeegee, or mechanical scrubber.

Prepare fresh use solutions daily. Do not reuse solutions. Discard solutions when they become visibly soiled. For disinfection, thoroughly wet the surfaces to be treated. Surfaces must remain moist for at least 10 minutes to assure proper germicidal action.

# BIG PINE

## PINE ODOR DISINFECTANT, CLEANER

*\*Kills Pseudomonas, Salmonella and Staphylococcus aureus*

**ACTIVE INGREDIENTS:**

Pine oil

Alkyl (C<sub>14</sub>, 58%, C<sub>16</sub>, 28%, C<sub>12</sub>, 14%) dimethyl benzyl ammonium chloride

**INERT INGREDIENTS:**

**TOTAL INGREDIENTS:**

\*This disinfectant is effective at 6 oz/gal. against *Pseudomonas aeruginosa* ATCC 10708, and *Staphylococcus aureus* ATCC 6538 when tested on precleaned, hard non-porous surfaces.

FOR INDUSTRIAL, COMMERCIAL OR MUNICIPAL USE

EPA Reg. No. ~~5105-177~~ 48211

**KEEP OUT OF REACH OF CHILDREN  
DANGER**

(See additional precautions on label.)

**PRACTICAL TREATMENT (FIRST AID):** In case of contact with eyes, flush with plenty of water for at least 15 minutes. For eyes, call a physician. Remove clothing before reuse.

If swallowed, drink promptly a large quantity of milk, raw egg whites, or if not readily available, drink a large quantity of water. Avoid further ingestion.

**INTERCON CHEMICAL COMPANY**  
3647 BELL AVENUE • ST. LOUIS, MO 63116

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# BIG PINE

## PINE ODOR DISINFECTANT, CLEANER, DEODORANT

*\*Kills Pseudomonas, Salmonella and Staphylococcus. \*\*Virucidal*

### ACTIVE INGREDIENTS:

Pine oil 3.95%  
Alkyl (C<sub>14</sub>, 58%; C<sub>16</sub>, 28%; C<sub>12</sub>, 14%) dimethyl benzyl ammonium chloride 1.97%

### INERT INGREDIENTS:

94.08%

### TOTAL INGREDIENTS:

100.00%

This disinfectant is effective at 6 oz./gal. against *Pseudomonas aeruginosa* PRD-10, *Salmonella choleraesuis* ATCC 10708, and *Staphylococcus aureus* ATCC 6538 when tested by the A.O.A.C. Use Dilution Test Method for precleaned, hard non-porous surfaces.

FOR INDUSTRIAL, COMMERCIAL OR MEDICAL USE ONLY

EPA Reg. No. ~~485-77~~ 48211

EPA Est. No. 48211-MO 01

### KEEP OUT OF REACH OF CHILDREN DANGER

See additional precautions on side panel.

**PRACTICAL TREATMENT (FIRST AID):** In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. For eyes, call a physician. Remove and wash contaminated clothing before reuse.

If swallowed, drink promptly a large quantity of milk, raw egg whites, gelatin solution or, if these are not readily available, drink a large quantity of water. Avoid alcohol. Call a physician immediately.

### INTERCON CHEMICAL COMPANY

3647 BELL AVENUE • ST. LOUIS, MISSOURI 63108

**NTECHCLEANTECHCLEANTECHCLEANTECHCLEANTECHCLEANTECHCLEANTECHCLEANTECH**

This product may be used for cleaning and disinfecting hard, non-porous, inanimate environmental surfaces (glass, metal, glazed porcelain, linoleum, tile, smooth leather, vinyl, enameled and finished wood surfaces) on walls, floors, appliances and furnishings.

### CLEANING

To Clean and Deodorize or to Preclean Prior to Disinfection. Depending on the soil level of the area to be cleaned, use 3 to 12 oz. of this product per gallon of water.

### DISINFECTING

**Hospitals, Veterinary Clinics, Nursing Homes:** Use 7½ oz. of this product per gallon of water (1 part to 16 parts water) for one-step cleaning and disinfection of areas with light to medium soil loads. For heavily soiled areas, preclean as described above and then disinfect with this product at 6 oz. per gallon (1 part to 20 parts water).

**Industrial areas, Barber Shops, Restrooms, Restaurants, Food and Meat Processing Plants (non-food processing areas), Other Non-Medical uses:** Preclean surfaces. Then, disinfect with a solution of 4 oz. of this product in a gallon of water (1 part to 31 parts water). Alternatively, clean and disinfect in one operation using 7½ oz. of this product per gallon of water.

**For deodorizing garbage cans, garbage trucks, industrial waste receptacles, and garbage handling equipment:** It is especially important to preclean for the product to perform properly. Then, apply a wetting concentration of 16 oz. of this product per gallon of water.

**For mildew control:** Follow directions for hospital disinfection. Repeat treatment every seven days, or when new growth appears.

This product may be used through automatic floor scrubbing equipment.

This product must not be used on food contact surfaces.

**DISPOSAL:** Do not reuse empty container. Wrap and put in trash collection.

NET CONTENTS:

GAL.

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ACCEPTED  
with COMMENTS  
EPA Letter Dated:

48211-11

DEC 7 1984

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