



U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Antimicrobials Division (7510C)  
401 "M" St., S.W.  
Washington, D.C. 20460

EPA Reg. Number:

58616-3

Date of Issuance:

Sept. 24, 2002

Term of Issuance: Conditional

Name of Pesticide Product: PCT 3024

**NOTICE OF PESTICIDE:**

- Registration
- Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

ProChemTech International, Inc.  
R.D. #2, Box 282  
Brockway, PA. 15824

**Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Antimicrobials Division prior to the use of the label in commerce. In any correspondence on this product always refer to the above 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. 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 sec. 3(c)(7)(A) provided you:

1. Submit and/or cite all data required for registration/ reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Submit one copy of the revised final printed label for the record changing the EPA File symbol 58616-G to EPA Registration Number 58616-3.
3. Revise the First Aid Statement in accordance with PR Noitice 2001-1 as follows:
  - 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 further 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 further treatment advice.
  - If Inhaled
    - Move person to fresh air.
    - If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to mouth, if possible.
    - Call a poison control center or doctor for further treatment advice.
  - If Swallowed
    - Call a poison control center or doctor for further treatment advice.
    - Have person sip a glass of water if able to swallow.
    - Do not induce vomiting unless told to do so by the poison control center or doctor.
    - Do not give anything by mouth to an unconscious person.

Have the product container or label with you when calling a poison center or doctor, or going for treatment. You may also contact 1 (800) 225-3924 for emergency medical treatment information.

**Note to Physician:** Probable mucosal damage may contraindicate the use of gastric lavage.

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. A stamped copy of the label is enclosed for your records. You must submit 2 copies of your finished label to this Office prior to your shipment of this product.

Signature of Approving Official:

Robert Brennis, Product Manager 32  
Regulatory Management Branch II

Date:

SEP 24 2002

# ProChemTech International Incorporated

## PCT 3024

### MICROORGANISM CONTROL CHEMICAL

PCT 3024 is an effective agent for controlling algal, bacterial, and fungal slime in condensing and cooling equipment in which recirculating water is used as the cooling medium and in reservoirs or ponds which serve as the source of boiler feedwater or cooling water. PCT 3024 can also be used to control bacterial, fungal, and algal slime in decorative fountains, air washers, food, beverage, and industrial process pasteurizers, pulp & paper mills, and wastewater treatment plants.

ACTIVE INGREDIENT		
	Sodium bromide	22.3%
INERT INGREDIENTS		77.7%
	Total	100.0%

FOR INDUSTRIAL AND COMMERCIAL USE ONLY

### KEEP OUT OF REACH OF CHILDREN

## CAUTION

*to be revised per PR 2001-1*

#### FIRST AID

IF IN EYES: Flush eyes immediately with plenty of fresh water for at least 15 minutes. Get medical attention if irritation persists.

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 advice.

IF ON SKIN: Take off contaminated clothing. Wash with plenty of soap and water.

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.

Note: Have the product label or container with you when calling a Poison Control Center or Doctor.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA REGISTRATION No. 58616-  
EPA Est. No. 58616-PA-01 ( )  
Producing plant checked in ( )

EPA Est. No. 58616-AZ-01 ( )

Net contents -

Manufactured by:  
ProChemTech International, Inc.  
# 8 Fermantown Road  
Brockway, PA 15824

Phone 814-265-0959  
Emergency Phone 800-255-3924

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:  
SEP 24 2002

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*Center Panel*

# PRECAUTIONARY STATEMENTS: HAZARDS TO HUMANS AND DOMESTIC ANIMALS

## CAUTION HARMFUL IF SWALLOWED HARMFUL IF ABSORBED THROUGH THE SKIN AVOID CONTACT WITH EYES, SKIN, and CLOTHING

### HARMFUL IF INHALED

Wash thoroughly with soap and water after handling.  
Remove contaminated clothing and wash before reuse.

### ENVIRONMENTAL HAZARDS

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 sewerage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the USEPA.

### STORAGE AND DISPOSAL

STORAGE: Do not contaminate water, food, or feed by storage, disposal, or cleaning of equipment.  
PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide and 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 USEPA Regional Office for guidance.

### CONTAINER DISPOSAL

Do not reuse empty container. Triple rinse (or equivalent), then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill. Empty, rinsed containers can be returned to the nearest ProChemTech facility for recycling.

### DIRECTIONS FOR USE

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

PCT 3024 is designed to be used in conjunction with an electrolysis unit which converts bromide in the product into hypobromite solution. The produced hypobromite solution is then introduced into the system to be treated as a bactericide, slimicide, and/or algacide for treating recirculating and once-through cooling water systems, pulp & paper mills, air washers, pasteurizers, and wastewater treatment plants. This product can be applied to most applications in which chlorination has been used.

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## DIRECTIONS FOR USE, continued

### INDUSTRIAL & COMMERCIAL RECIRCULATING COOLING WATER SYSTEMS

PCT 3024 should be applied via an electrolysis unit directly to the cooling water at any section of the system where sufficient mixing will occur. Sufficient product should be applied to the cooling water to provide a total bromine level of 0.5 to 5.0 ppm, or as needed to maintain control of algal, bacterial, and fungal slimes in industrial and commercial cooling towers. PCT 3024 at a dosage of 0.11 lb per 1000 gallons of water gives a dosage of approximately 1.0 ppm of total bromine, but several times that dosage may be required to provide a total bromine level exceeding 0.5 ppm throughout the system. The total bromine level should be checked with a test kit and additional product applied until a reading of 0.5 to 5.0 ppm is obtained. Some systems may be maintained in satisfactory biological condition by applying this dosage once per day, while others will respond better to dosages less than once per day.

### INDUSTRIAL PASTEURIZERS

Such as food, beverage, and industrial pasteurizers. For control of bacteria and fungi in industrial pasteurizers, add sufficient PCT 3024 via an electrolysis unit to obtain and maintain 0.5 to 5.0 ppm total bromine throughout the system. A dosage of 0.11 lb PCT 3024 will normally provide a total bromine level of 1.0 ppm per 1000 gallons treated.

### AIR WASHERS

This product may be used only in industrial air washers and air washer systems which have mist eliminating components. For control of microorganisms in industrial air washer systems add sufficient PCT 3024 via an electrolysis unit to the air washer sump or chill water to provide a total bromine level of 0.5 to 5.0 ppm. Badly fouled systems must be cleaned before treatment is begun. PCT 3024 at a dosage of 0.11 lb per 1000 gallons of water gives a dosage of approximately 1.0 ppm of total bromine, but several times that dosage may be required throughout the system. The total bromine level should be checked with a test kit and additional product applied until a reading of 0.5 to 5.0 ppm is obtained. Some systems may be maintained in satisfactory biological condition by applying this dosage once per day, while others will respond better to dosages less than once per day.

### HEAT TRANSFER SYSTEMS

Evaporative condensers, hydrostatic sterilizers and retorts, dairy sweetwater systems, and once through cooling water systems. PCT 3024 should be used at the same application rates, and in the same manner, as described above. It should be added to the system at a point of uniform mixing such as a basin area, sump area, or other reservoir or collecting area from which the treated water will be circulated uniformly throughout the system.

### PULP AND PAPER MILLS

Use for control of algal, bacterial, and fungal slimes in pulp and paper mill fresh and sea water influent systems, cooling water systems, wastewater treatment systems, and process water systems. Dosage of PCT 3024 via an electrolysis unit should be sufficient to obtain a total bromine level of 0.5 to 5.0 ppm measured about 5 minutes after treatment. A dose of 0.11 lb PCT 3024 is typically sufficient to obtain 1 ppm total bromine in a volume of 1000 gallons.

NOTE: The halogen dosages listed in the given applications are expressed as bromine. Since most field test kits for oxidizing halogens report in terms of chlorine, simply multiply the test kit result (given as chlorine) by 2.25 in order to obtain the bromine equivalent as listed in these directions.

DOT Number: none, not regulated    DOT Warning: none  
DOT Name: industrial water treatment compound, not regulated

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