



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

EPA Reg. Number:

Date of Issuance:

58616-5

JUN 20 2005

Term of Issuance:

Conditional

Name of Pesticide Product:

PCT 3023

NOTICE OF PESTICIDE:

Reregistration  
 Registration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

ProChemTech International Incorporated  
8 Fermantown Road  
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 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 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 that 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; and submit acceptable responses required for reregistration of your product under FIFRA section 4.
2. Make the following label change:
  - a. Revise the EPA Registration Number to read, "EPA Reg. No. 58616-5."
  - b. Revise the Ingredient Statement as follows

ACTIVE INGREDIENT	
Sodium bromide .....	46.8%
OTHER INGREDIENTS .....	53.2%
Total	100.0%
Total available bromine = 72.7%	

Signature of Approving Official:

Date:

*C. M. Kelly*

6-20-05

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EPA Reg. No. 58616-5

- c. The spa use cite and directions for use which were not supported by data have been removed from the label.

Submit two copies of the revised final printed label for the record.

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.

# KEEP OUT OF REACH OF CHILDREN WARNING

Prolonged eye and skin contact may cause severe irritation.

## PRECAUTIONARY STATEMENTS HAZARDS TO HUMAN AND DOMESTIC ANIMALS

**WARNING:** Harmful if swallowed, inhaled, or absorbed through the skin. Avoid contact with eyes, skin, or clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Do not get into eyes. Do not swallow. Avoid contamination of food.

## ENVIRONMENTAL HAZARDS

This product is toxic to fish and aquatic organisms. 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 sewerage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the USEPA.

## PHYSICAL OR CHEMICAL HAZARDS

Do not directly mix this product with any strong acid, chlorinated product, or other oxidizing agent.

## STORAGE AND DISPOSAL

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

**STORAGE:** Store in original container. Store in a cool, dry place away from reach of children. Keep container closed when not in use.

**PESTICIDE DISPOSAL:** Wastes resulting from use of this product may be disposed of on site or at an approved waste disposal facility.

**CONTAINER DISPOSAL:** Do not reuse empty container. Rinse thoroughly before discarding in trash.

## DIRECTIONS FOR USE

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

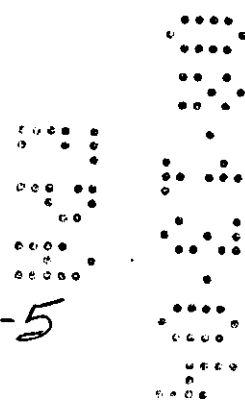
PCT 3023 is designed to be used in conjunction with an electrolysis unit which converts bromide in the treated water into active bromine. The electrolytically produced bromine then acts as a bactericide, slimicide, and/or algacide for treating recirculating cooling water systems, air washers, pasteurizers, decorative fountains, pools, and spas. This product can be applied to most applications in which chlorination has been used.

ACCEPTED  
with COMMENTS  
EPA Letter Dated:

JUN 20 2005

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


58616-5



# ProChemTech International Incorporated

## PCT 3023

### MICROORGANISM CONTROL CHEMICAL

PCT 3023 is an effective bromine based agent used as a bactericide, slimicide, and algicide for treatment of recirculating cooling water systems, air washers, industrial process pasteurizers, heat transfer systems, swimming pools, and 

#### ACTIVE INGREDIENT

Sodium bromide 46.8%

#### INERT INGREDIENTS

53.2%

Total

100.0%

Total available bromine = 72.7%

## KEEP OUT OF REACH OF CHILDREN

# WARNING

**Prolonged eye and skin contact may cause severe irritation.**

#### FIRST AID

**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 the 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 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 a poison control center or doctor. Do not give anything by mouth to an unconscious person.

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

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

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA REGISTRATION No. 58616-4 EPA Est. No. 58616-PA-01 ( ) EPA Est. No. 58616-AZ-01 ( )  
Producing plant checked in ( )

ProChemTech International, Inc.  
51 ProChemTech Drive, PO Box 214  
Brockway, PA 15824

Phone 814-265-0959  
Emergency Phone 800-255-3924  
www.prochemtech.com

Net contents:

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

**ACCEPTED**  
**with COMMENTS**  
**EPA Letter Dated:**

JUN 20 2005

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Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No. 58616-5

**DIRECTIONS FOR USE - continued**

**INDUSTRIAL & COMMERCIAL RECIRCULATING COOLING WATER SYSTEMS**

PCT 3023 should be added 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 growth and slime formation in industrial and commercial cooling towers. PCT 3023 at a dosage of 0.023 lb per 1000 gallons of water gives a dosage of approximately 1.0 ppm of total bromine. 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 3023 to obtain and maintain 0.5 to 5.0 ppm total bromine throughout the system. A dosage of 0.023 lb PCT 3023 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 3023 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 3023 at a dosage of 0.023 lb per 1000 gallons of water gives a dosage of approximately 1.0 ppm of total bromine. 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, and dairy sweetwater systems. PCT 3023 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.

**POOLS**

To treat pools, add 1.5 to 3.0 lb of PCT 3023 per 20,000 gallons of pool water capacity. Product is then activated by operation of an electrolysis unit for a period of 24 hours prior to pool use. Use a suitable test kit to ensure that the total bromine level is between 2.0 and 5.0 mg/l as bromine prior to pool use. Operate electrolysis unit to maintain total bromine levels, test on a routine basis during use. Do not enter pool if total bromine level exceeds 8 mg/l.



NOTE: The halogen dosages listed in the given applications are expressed as total 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.

ACCEPTED  
with COMMENTS }  
EPA Letter Dated:

JUN 20 2005

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 58616-5