



067003-00005-062499

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Systems Integration Group, Inc.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

JUN 24 1999

Mr. B. A. Warner
I. C. I. Americas Inc.
P. O. Box 8340
Wilmington, De 19803-8340

Dear Mr. Warner:

Subject: T. I. C. A. Tablets
EPA Registration No. 67003-5
Your Amendment Dated April 8, 1999

This is in response to your amendment of revised label to amend "Directions For Use" for the subject product.

The labeling referred to above submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended is acceptable with the following comment.

Revise the "Environmental Hazards" statement to read: "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 sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

A stamped copy is enclosed for your records.

If you have any questions, please call Marianne Clark at (703) 308-6381.

Sincerely yours,



Robert S. Brennis
Product Manager (32)
Regulatory Management Branch II
Antimicrobial Division (7510C)

CONCURRENCES

SYMBOL							
SURNAME							
DATE							

(Front Panel)

T.I.C.A. Tablets
(Trichloroisocyanurate)

Active Ingredient:
 Trichloro-s-triazine and related isocyanurates.....99.0% *
 Other Ingredients.....1.0%
 * Available chlorine.....90%

KEEP OUT OF REACH OF CHILDREN (12 point)

DANGER (18 point)

FIRST AID:

IF SWALLOWED: Drink promptly large quantities of water. Do not induce vomiting. Avoid alcohol. Never give anything by mouth to an unconscious person. Call a physician or poison control center immediately.

IF IN EYES: Hold eyelids open and flush with a steady gentle stream of water for 15 minutes. Get medical attention.

IF ON SKIN: Wash with plenty of soap and water. Get medical attention.

IF INHALED: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

SEE ADDITIONAL PRECAUTIONS ONSIDE PANEL

Sold by

ICI Americas Inc.
P.O. Box 8340
Wilmington, DE 19803-8340

ACCEPTED
with COMMENTS
in EPA Letter Dated:

JUN 24 1999

Under the Federal Insecticide, Fungicide, and Rodenticide Act, this product is registered under EPA Reg. No.

67003-5

(Left Panel)

Precautionary Statements
Hazards to Humans and Domestic Animals

DANGER CORROSIVE: Causes irreversible eye damage and skin burns. May be fatal if absorbed through skin. May be fatal if inhaled. Do not breathe dust or spray mists. Irritating to nose and throat. Harmful if swallowed. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield, protective clothing and rubber gloves when handling this product. Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco. 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 this product is specifically identified and addressed in a NPDES permit. 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 AND CHEMICAL HAZARDS: Strong Oxidizing Agent. Mix only with water. Use clean dry utensils. Do not add this product to any dispensing device containing remnants of any other product. Such use may cause a violent reaction leading to fire or explosion. Contamination with moisture, organic matter, or other chemicals may start a chemical reaction with generation of heat, liberation of hazardous gases, and possible generation of fire or explosion. In case of contamination or decomposition, do not reseal container. If possible, isolate container in open air or well-ventilated area. Flood with large volumes of water if necessary.

STORAGE AND DISPOSAL: Do not contaminate water, food, or feed by storage or disposal.
STORAGE: Keep product dry in tightly closed container when not in use. Store in cool well-ventilated area away from heat or open flame. In case of decomposition, isolate container, if possible, and flood with large amounts of water to dissolve all material before discarding.

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 Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of liner in a sanitary landfill or by incineration if allowed by State and local authorities. If drum is contaminated and cannot be reused, dispose of in the same manner.

EPA Est. No. XXXXX-XX

EPA Reg. No. 67003-5

NET WEIGHT: 300 POUNDS

REGISTERED UNDER
FEDERAL INSECTICIDE ACT
IN EPA LETTER DATED:

JUN 24 1999

of the Federal Insecticide,
Fungicide and Rodenticide Act as
amended by the Pesticide
Control Act of 1972, registered under EPA Reg. No.

67003-5

(Right Panel)

GENERAL NOTES

T.I.C.A. Tablets are a concentrated form of chlorine designed for chlorination of swimming pools, spas and hot tubs.

One inch tablets weigh about one-half ounce (0.45 ounce of available chlorine). Each tablet provides about 1.1 ppm available chlorine when dissolved in 3,000 gallons of water. However, T.I.C.A. Tablets dissolve slowly thus maintaining the residual chlorine level at the desired range of 1.0 - 1.5 ppm. Use a reliable test kit to monitor residual chlorine levels.

OR

Three inch tablets weigh about seven ounces (6.3 ounces of available chlorine). Each tablet provides about 1.0 ppm available chlorine when dissolved in 49,000 gallons of water. However, T.I.C.A. Tablets dissolve slowly thus maintaining the residual chlorine level at the desired range of 1.0 - 1.5 ppm. Use a reliable test kit to monitor residual chlorine levels.

SWIMMING POOLS

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.

Proper conditioning of water is necessary to insure maximum effectiveness of T.I.C.A. Tablets. Previously unconditioned pools should be treated with stabilizer. Follow instructions on the stabilizer label.

Adjust pool water pH to 7.2 - 7.6. Use suitable agents such as sodium bisulfite to lower pH and soda ash to raise pH. Follow instructions on the label of the product used.

MAINTENANCE DOSE: [1 inch tablets] For every 1,000 gallons of water, put into AUTOMATIC CHLORINATOR or Skimmer Basket, 2 T.I.C.A. Tablets every 7 to 10 days. [3 inch tablets] For every 7,000 gallons of water, put into AUTOMATIC CHLORINATOR or Skimmer Basket, 2 T.I.C.A. Tablets every 7 - 10 days. Check pool water frequently with a test kit and maintain 1.0 - 1.5 ppm chlorine residual and pH of 7.2 - 7.8.

SHOCK TREATMENT: During extremely hot weather and heavy bather loads, additional dosages may be required. [1 inch tablets] This can be achieved by adding 20 more tablets to the feeder for each 10,000 gallons of pool water. [3 inch tablets] This can be achieved by adding 3 more tablets to the feeder for each 10,000 gallons of pool water. This provides 0.5 ppm additional chlorine dosage during the next 7 days. However, if immediate chlorine dosage is required, see directions on GRANULAR T.I.C.A. for quick adjustment of the residual chlorine to 1.1 ppm. After adjustment to 1.1 ppm residual chlorine by the addition of GRANULAR T.I.C.A., the T.I.C.A. Tablets when used as directed will maintain the residual chlorine level between 1.0 and 1.5 ppm under normal use conditions.

NOTE: Reentry into treated pool is prohibited above chlorine levels of 3 ppm.

HOW TO CALCULATE POOL CAPACITY*

- Dimensions in feet

SHAPE OF POOL

Rectangular.....

GAL. OF WATER

Ave. Depth x Ave Length x Ave Width x 7.5
with CORRECTION
in EPA Letter Dated:

JUN 24 1999

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, this pesticide is registered under EPA Reg. No. 67003-5

Circular..... Diameter x Diameter x Ave. Depth x 7.5

Irregular..... Consult Pool Builder

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SPAS AND HOT TUBS

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.

Proper conditioning of water is necessary to insure maximum effectiveness of T.I.C.A. Tablets. Previously unconditioned pools should be treated with stabilizer. Follow instructions on the stabilizer label.

Adjust pool water pH to 7.2 - 7.6. Use suitable agents such as sodium bisulfite to lower pH and soda ash to raise pH. Follow instructions on the label of the product used.

MAINTENANCE DOSE: [1 inch tablets] For every 250 gallons of water, put into AUTOMATIC CHLORINATOR or Skimmer Basket, 2 T.I.C.A. Tablets every 7 to 10 days. [3 inch tablets] For every 3,500 gallons of water, put into AUTOMATIC CHLORINATOR or Skimmer Basket, 1 T.I.C.A. Tablet every 7 to 10 days. Check pool water frequently with a test kit and maintain 1.0 - 1.5 ppm chlorine residual and pH of 7.2 - 7.8.

NOTE: Reentry into treated spas/hot tubs is prohibited above levels of 3 ppm chlorine. Heavy bather usage or the use of oils or lotions may increase the chlorine demand of the pool resulting in the need for more frequent checks on chlorine residual.

[For 1 inch tablets only]

4 POUND REFILLABLE CHLORINATING CARTRIDGE FOR FLOATERS AND FEEDERS

- Protects against bacteria and algae. Stabilized for extended chlorine life. Slow dissolving. Total solubility. The tablets in this cartridge will provide an effective chlorine residual of 1 to 1.5 parts per million (ppm) in 10,000 gallons of water for 9 weeks under normal conditions. Refillable.

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.

Use with Floater or Feeder made by E-Z Chlor, Guardex, Anthony and CPC. In a pool with no visible sign of algae, follow these instructions.

START UP

1. Bring chlorine level to 1 - 1.5 ppm. Follow the instructions below for your feeding device.
2. The day after the chlorine residual reaches 1 - 1.5 ppm, add Stabilizer/Conditioner to stabilize your pool. Follow label directions.
3. Adjust pH to the ideal range 7.2 - 7.6.

FOR USE IN FLOATER

1. Cut off the air vent that that sticks out at top of cartridge.
2. Punch a hole through the lowest indentation on each side of the cartridge and insert into the floater. Do not punch holes in the bottom. If more chlorination is needed, punch as many holes as needed on

ACQUIRED
with COMMENTS
in EPA Letter Dated:

JUN 24 1999

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each side starting at the lowest indentation and working up until the pool's free chlorine residual reaches 1 - 1.5 ppm.

FOR USE IN E-Z CHLOR FEEDER

1. Punch all indentations on the bottom of the cartridge (or cut off three water vent areas that stick out the side near the bottom of the cartridge). Two cartridges may be needed for in a pool of 30,000 gallons or larger.
2. Do not cut off the air vent at the top of the package.
3. Make sure that the screw lid is on tight.
4. Punch a hole through the lowest indentation on each side of the cartridge.
5. Insert the cartridge into feeder. If more chlorination is needed, punch more holes on each side of the cartridge starting at the lowest indentation and working up until the free available chlorine residual remains within the range of 1 - 1.5 ppm.

FOR USE IN GUARDEX FEEDER

1. Cut off air vent that sticks out near the top of the cartridge.
2. Cut off the three water vent area that stick out the side near the bottom of the cartridge. Two cartridges may be needed for in a pool of 30,000 gallons or larger.
3. Insert the cartridge in the feeder, adjusting the cartridge height until the free available residual remains within the range of 1 - 1.5 ppm.

TO REFILL CARTRIDGE

1. Remove absorbent packet before reuse. Not required for pool care.
2. Fill empty cartridge with T.I.C.A. 1 inch Tablets.

DANGER -- Use only T.I.C.A. 1 Inch tablets.

HOW TO CALCULATE POOL CAPACITY*

- Dimensions in feet

SHAPE OF POOL

GAL. OF WATER

- Rectangular..... Ave. Depth x Ave Length x Ave Width x 7.5
- Circular..... Diameter x Diameter x Ave. Depth x 7.5
- Irregular..... Consult Pool Builder

Notice To Buyer

Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in accordance with the directions under normal conditions of use. This warranty does not extend to the use of this product contrary to label instructions or under abnormal use conditions, or under conditions not reasonably foreseeable to the Seller, and Buyer assumes the risk of any such use. Seller disclaims all other warranties, implied or expressed, including any warranty of FITNESS or MERCHANTABILITY.

ACCEPTED
with COMMENTS
in EPA Letter Dated:

JUN 24 1999

Under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Federal Food, Drug, and Cosmetic Act (FDCA), the EPA has issued a Letter of Approval (LOA) for this product. The LOA is available at the EPA website: <http://www.epa.gov/pesticides/loa/>

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