



U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Antimicrobials Division (7510P)  
1200 Pennsylvania Ave., N.W.  
Washington, D.C. 20460

EPA Reg. Number:

87800-3

Date of Issuance:

2/24/2015

NOTICE OF PESTICIDE:

Registration  
 Reregistration  
(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

Teking 102

Name and Address of Registrant (include ZIP Code):

Beijing Tianqing Chemicals Co. Ltd.  
c/o Delta Analytical Corporation  
12510 Prosperity Drive, Suite 160  
Silver Spring, MD 20904

**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 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 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)(7)(A). You must comply with the following conditions:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product under FIFRA when the Agency requires all registrants of similar products to submit such data.

Signature of Approving Official:

Seiichi Murasaki, Product Manager 33

Date:

2/24/2015

2. Be aware that proposed data requirements have been identified in a Work Plan. For more information on these proposed data requirements, you may contact the Team Leader for PM Team 36: [http://www.epa.gov/oppad001/contacts\\_ad.htm](http://www.epa.gov/oppad001/contacts_ad.htm).
3. The data requirements for storage stability and corrosion characteristics (Guidelines 830.6317 and 830.6320) are not satisfied. A one year study is required to satisfy these data requirements. Accelerated storage stability and corrosion characteristics study can be used, at the registrant's discretion, to fulfill these data requirements. You have 18 months from the date of registration to provide these data.
4. Make the following label changes before you release the product for shipment:  
Revise the EPA Registration Number to read, "EPA Reg. No. 87800-3."
5. Submit one copy of the final printed label for the record before you release the product for shipment.

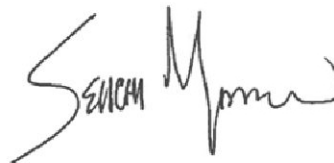
Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

If you fail to satisfy these data requirements, EPA will consider appropriate regulatory action including, among other things, cancellation under FIFRA section 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. Please also note that the record for this product currently contains the following CSFs:

- Basic CSF dated October 8, 2014

If you have any questions, please contact Terria Northern at (703) 347-0265 or [northern.terria@epa.gov](mailto:northern.terria@epa.gov).

Sincerely,



Seiichi Murasaki  
Acting Product Manager 33  
Regulatory Management Branch I  
Antimicrobials Division (7510P)  
Office of Pesticide Programs

# TEKING 102

Industrial microbicide for use in recirculating water cooling towers, wood mold and mildew control, pulp and paper mills, and air washer systems.

**ACTIVE INGREDIENTS:**

5-Chloro-2-methyl-4-isothiazolin-3-one .....	1.1 %
2-Methyl-4-isothiazolin-3-one .....	0.37%
<b>OTHER INGREDIENTS:</b> .....	<b>98.53%</b>
<b>TOTAL:</b> .....	<b>100.00%</b>

**KEEP OUT OF REACH OF CHILDREN  
DANGER**

FIRST AID	
<b>IF ON SKIN:</b>	<ul style="list-style-type: none"><li>• Take off contaminated clothing.</li><li>• Rinse skin immediately with plenty of water for 15-20 min.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
<b>IF IN EYES:</b>	<ul style="list-style-type: none"><li>• Hold eye open and rinse slowly and gently with water for 15-20 min.</li><li>• Remove contact lenses, if present, after first 5 min. then continue rinsing eye.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
<b>IF INHALED:</b>	<ul style="list-style-type: none"><li>• Move person to fresh air.</li><li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.</li><li>• Call a poison control center or doctor for further treatment advice.</li></ul>
<b>IF SWALLOWED:</b>	<ul style="list-style-type: none"><li>• Call a poison control center or doctor immediately for treatment advice.</li><li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li><li>• Have person sip a glass of water if able to swallow. Do not give anything to an unconscious person.</li></ul>
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. In case of emergency, call poison control center at 1-800-222-1222 for treatment advice.	
<b>NOTE TO PHYSICIAN:</b> Probable mucosal damage may contraindicate the use of gastric lavage.	

**SEE SIDE PANELS FOR ADDITIONAL PRECAUTIONARY STATEMENTS.**

EPA Reg. No.: 87800-



EPA Est. No.: [Enter Est. No.]

Beijing Tianqing Chemicals Co., Ltd.  
126 South Xinping Road  
Pinggu District  
Beijing, 101200, China  
Telephone: +86-10-89993777

**ACCEPTED**

02/24/2015

Under the Federal Insecticide, Fungicide,  
and Rodenticide Act as amended, for the  
pesticide registered under  
EPA Reg. No. 87800-3

**NET CONTENTS:**

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**DANGER: CORROSIVE.** Causes irreversible eye damage. Causes skin burns. Do not get in eyes, on skin, or on clothing. Wear coveralls worn over long-sleeved shirt and long pants, socks, chemical-resistant footwear, waterproof or chemical-resistant gloves, a NIOSH approved respirator with an organic vapor (OV) cartridge with a combination R or P filter, with NIOSH approval number prefix TC-84A; or a NIOSH approved gas mask with a canister with NIOSH approval number prefix TC-14G; or a NIOSH approved power air purifying respirator with organic vapor (OV) cartridge and combination He filter with NIOSH approval number prefix TC-23C and protective eyewear (goggles, face shield, or safety glasses). Fatal if absorbed through skin. May be fatal if swallowed or inhaled. 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. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

### ENVIRONMENTAL HAZARDS

This chemical is toxic to aquatic plants, fish and aquatic invertebrates. 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 Pollution 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 system without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA. Do not contaminate water by cleaning of equipment or disposal of waste. Apply this pesticide only as specified on this label.

## DIRECTIONS FOR USE

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

TEKING 102 aids in the control of bacterial, fungal and algal slimes in industrial recirculating cooling water systems, air washer systems, wood and wood products, and pulp and paper mills.

### INDUSTRIAL RECIRCULATING WATER COOLING TOWERS

For the control of bacteria, algae and fungi in industrial recirculating water cooling towers, add TEKING 102 to the tower basin, distributor box or some other point to insure uniform mixing. The frequency of feeding and duration of the treatment will depend upon the severity of the problem. BADLY FOULED SYSTEMS must be cleaned before treatment is begun.

**INITIAL DOSE:** When the system is noticeably fouled, apply 150 to 867 ppm of TEKING 102 (2.25 to 13 ppm active) by adding 1.3 to 7.2 pounds or 19 to 109 fluid ounces of TEKING 102 for every 1000 gallons of system water. Repeat as often as necessary until microbial control is achieved.

**SUBSEQUENT DOSE:** When microbial control is evident, treat with 33 to 233 ppm of TEKING 102 (0.5 to 3.5 ppm active) by adding 0.28 to 1.9 pounds or 4.2 to 29 fluid ounces of TEKING 102 for every 1000 gallons of system water. Repeat dosage 2 to 3 times per week, or as frequently as needed to maintain biocontrol.

## **WOOD AND WOOD PRODUCTS**

TEKING 102 is used for the protection of wood and wood products such as landscape timbers, fences, posts, pilings, cross ties, decks, and similar exterior structures from mold and mildew. As a pressure treatment for mold and mildew control for southern yellow pine, hemlock, ponderosa pine and other soft woods, treat with 263 to 840 ppm of TEKING 102 (4.0 to 12.6 ppm active) by adding 2.2 to 7.0 pounds or 33 to 105 fluid ounces of TEKING 102 for every 1,000 gallons. Thoroughly wet and allow to dry. A single application will provide protection for 12 weeks.

## **PULP AND PAPER MILLS**

Add TEKING 102 to a point in the system such as the Beater, Hydropulper, or Fan or Broke storage pumps that insures uniform mixing. **BADLY FOULED SYSTEMS** must be cleaned before treatment is begun.

**DOSAGE:** Add 0.44 to 1.5 pounds of TEKING 102 per ton (dry basis) of pulp or paper produced as a slug dose. Repeat as often as necessary.

## **AIR WASHER SYSTEMS**

Add TEKING 102 to the air washer sump or chill water sump to insure uniform mixing. Use only in industrial airwasher systems that maintain effective mist eliminating compounds. **BADLY FOULED SYSTEMS** must be cleaned before treatment is begun.

**INITIAL DOSE:** When the system is noticeably fouled, apply 150 to 867 ppm of TEKING 102 (2.25 to 13 ppm active) by adding 1.3 to 7.2 pounds or 19 to 109 fluid ounces of TEKING 102 for every 1000 gallons of system water. Repeat as often as necessary until microbial control is achieved.

**SUBSEQUENT INTERMITTENT OR SLUG DOSE:** When microbial control is evident, treat with 33 to 233 ppm TEKING 102 (0.5 to 3.5 ppm active) by adding 0.28 to 1.9 pounds or 4.2 to 29 fluid ounces of TEKING 102 for every 1000 gallons of system water. Repeat dosage weekly, or as frequently as needed to maintain biocontrol.

**SUBSEQUENT CONTINUOUS FEED DOSE:** When microbial control is evident, treat with 33 to 233 ppm of TEKING 102 (0.5 to 3.5 ppm active) by adding continuously 0.28 to 1.9 pounds or 4.2 to 29 fluid ounces of TEKING 102 for every 1000 gallons of system makeup water.

## STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage, disposal or cleaning of equipment.

### PESTICIDE STORAGE

Keep this product in the original container when not in use. This product as supplied evolves gas (largely carbon dioxide) slowly. To prevent buildup of pressure, the product is packaged in specially vented containers. Keep this product in the original containers when not in use. Container must be stored and transported in an upright position to prevent spilling the contents through the vent. Do not apply this product in a way that will contact workers or other persons.

### PESTICIDE DISPOSAL

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide 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

**Nonrefillable container.** Do not reuse or refill this container. Offer for recycling if available, or reconditioning if appropriate or puncture and dispose of in trash or in a sanitary landfill.

**Refillable container.** Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, triple rinse container as follows: Fill container 10% full with water and agitate vigorously. Drain rinsate into a rinsate collection system for later disposal according to pesticide disposal instructions. Repeat procedure two more times. Then offer container for recycling or reconditioning if appropriate or puncture and dispose in sanitary landfill.

## CONDITIONS OF SALE AND WARRANTY

Beijing Tianqing Chemicals Co., Ltd. (BTC) warrants that this product conforms to its chemical description and is reasonably fit for the purpose stated on the label only when used in accordance with label directions as defined under the Directions for Use on this label. BTC MAKES NO OTHER EXPRESS OR IMPLIED WARRANTIES, EITHER OF MERCHANTABILITY OR FITNESS, FOR A PARTICULAR USE. Handling, storage, and use of the product by Buyer or User are beyond the control of BTC and Seller. Risks such as ineffectiveness or other unintended consequences resulting from, but not limited to, failure to follow directions will be assumed by the Buyer or User. TO THE EXTENT PERMITTED BY LAW, NEITHER BTC NOR SELLER SHALL BE LIABLE FOR CONSEQUENTIAL, SPECIAL, OR INDIRECT DAMAGES RESULTING FROM THE USE, HANDLING, APPLICATION, STORAGE, OR DISPOSAL OF THIS PRODUCT.

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