



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

May 9, 2018

Patti Golick  
Troy Chemical Corporation c/o  
Troy Corporation  
8 Vreeland Road  
Florham Park, New Jersey 07932

Subject: Label Amendment – *Update Manufacture Name and Address, EPA Registration Number, Establishment Number, Change the Primary Brand Name and Removal of Mixing Table from Directions For use*  
Product Name: ProTek TWN  
EPA Registration Number: 5383-211  
Application Date: 02/07/2018  
Decision Number: 541458

Dear Ms. Golick:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

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.

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Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. If you have any questions, please contact Stacey Grigsby by phone at 703.305.6440, or via email at [grigsby.stacey@epa.gov](mailto:grigsby.stacey@epa.gov) .

Sincerely,

A handwritten signature in cursive script that reads "Stacey Grigsby".

Stacey Grigsby  
Regulatory Risk Manager, 34  
Regulatory Management Branch II  
Antimicrobials Division (7510P)

Enclosure: 5/9/18 Accepted Stamped Label

# ProTek TWN

A wood preservative for treatment of wood to permanently protect against insects, rot and fungal decay.

For commercial use

ACTIVE INGREDIENT:  
Copper ethanolamine complex (CAS # 14215-52-2)\* .....30.12%  
OTHER INGREDIENTS: .....69.88%  
TOTAL.....100.00%

\*(METALLIC COPPER EQUIVALENT – 10.31%)



**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

**EPA Reg. No. 5383-211**  
**EPA Establishment Number 5383-NJ-001**

## 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 eye.  
Call a poison control center or doctor for treatment advice.

### 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.  
Do not give anything by mouth to an unconscious person.

### 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.  
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 treatment advice.

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

See Side Panel for Additional Precautionary Statements

**IN CASE OF EMERGENCY:  
CALL 1-800-424-9300 (CHEMTREC)**

Net Weight:

**[Manufactured for / Manufactured by:]**

**Troy Chemical Corporation**  
One Avenue L, Newark, N.J. 07105

Net Contents: See waybill; shipped in bulk

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

**CAUTION**

Causes moderate eye irritation. Harmful if swallowed or if inhaled. Avoid contact with eyes, skin, or clothing. Avoid breathing spray mist or vapor.

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

Applicators and other handlers working with or around concentrate or wood treatment solutions must wear:

- Coveralls worn over long-sleeved shirt and long pants
- Socks and chemical-resistant foot wear
- Protective eyewear
- Chemical resistant gloves (such as barrier laminate, butylnitrile/neoprene rubber  $\geq 14$  mils, PVC  $\geq 14$  mils, and viton  $\geq 14$  mils). Clean or replace PPE at the end of each day's work period. Rinse off pesticides at rest breaks. For other options, use natural rubber  $\geq 14$  mils and polyethylene materials, but clean or replace PPE within an hour or two of contact.
- For mixing/loading: Wear a chemical resistant apron.
- Respirator with an organic-vapor removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C), or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G), or a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with any N, R, P or HE prefilter.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent material that have been drenched or heavily contaminated with the product's concentrate. Do not reuse them.

Applicators and other handlers must wear chemical resistant gloves when handling concentrated chemicals. Wear chemical resistant gloves where dermal contact is expected, such as handling freshly treated wood and manually opening cylinder doors. When entering pressure treatment cylinders or related equipment that is contaminated with treatment solution, wear protective clothing, including chemical resistant overalls, gloves and boots. For overhead exposure wear chemical resistant headgear.

Remove contaminated clothing and wash clothing before reuse. Promptly wash hands and skin with soap and water after handling. Protective clothing must be changed when it shows signs of contamination. Applicators must leave protective clothing and work shoes or boots and equipment at the plant. Worn-out protective clothing and work shoes or boots must be left at the plant and disposed of in a manner approved for pesticide disposal and in accordance with the state and federal regulations.

**USER SAFETY REQUIREMENTS**

Applicators must not eat, drink or use tobacco products during those parts of application process that expose them to the wood treatment formulation (e.g. manually opening/closing cylinder doors, moving trams out of cylinders, mixing chemicals and handling freshly treated wood).

Users must wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Users must remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users must remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

**CHEMICAL HAZARDS**

This product, and its diluted solutions, are not compatible with non-ferrous heavy metals such as zinc, brass and galvanized equipment. Cement troughs must be protected with a suitable coating. This product is not compatible with certain commercial wood preservative salts. Please ask for technical advice before mixing with other products. Concentrate becomes very viscous at low temperatures and will freeze at or below 23°F (-5°C).

**ENVIRONMENTAL HAZARDS**

This product is toxic to fish and aquatic invertebrates and may contaminate water through runoff. Do not contaminate water when disposing of equipment washwaters or rinsate. 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 local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

### NOTICE OF WARRANTY AND DISCLAIMER

The manufacturer warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for the purposes stated on such label only when used in accordance with the directions under normal use conditions. It is impossible to eliminate all risks inherently associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as presence of other materials of use or application, which are beyond the control of the manufacturer. The manufacturer shall not be responsible for losses or damages resulting from use of this product in any manner not set forth on this label. User assumes all risks associated with the use of this product in any manner not specifically set forth on this label. In no case shall the manufacturer be liable for consequential, special, punitive, or indirect damages resulting from the use or handling of this product. All such risks shall be assumed by the Buyer. The manufacturer makes no warranties of merchantability nor fitness for a particular purpose nor any other express or implied warranty except as stated above. Buyer's exclusive remedy and the manufacturer's exclusive liability, whether in contract, tort, negligence, strict liability or otherwise, shall be limited to repayment of the purchase price of Protek TWN.

### DIRECTIONS FOR USE

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

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the State or Tribal agency responsible for pesticide regulation.

Use ProTek TWN to control all types of fungal decay of wood products – brown white, and soft rot – and wood-eating insects including termites. Use ProTek TWN to treat wood products that will be exposed to conditions favorable to rot, decay, or insect attack both above ground and in ground, or in water. Types of products include lumber, timbers, landscape ties, fence posts, building and utility poles, land, freshwater and marine piling, sea walls, decking, and wood shingles.

Tank mix ProTek TWN with compatible wood preservative products registered by the EPA for use as wood preservatives. Apply the tank mixed solution to wood by vacuum-pressure impregnation. The concentration of the tank mix used to treat wood must be based on the retention, in pounds per cubic foot (pcf), specified by the purchaser and the treating process used. Diluted treatment solutions may be reused. Replenish solution levels as necessary using fresh treatment solution of the same concentration. A 3% solution can be used to field coat the cut ends of pressure-treated wood by brush-on application.

### MIXING INSTRUCTIONS

When ProTek TWN is used as a stand-alone preservative or in combination with other preservatives, it is diluted to a total active ingredient concentration of 0.4 to 4.0% by weight, depending on the wood species and the desired preservative retention in the treated wood. Examples of suitable wood preservatives that can be tank mixed with ProTek TWN include "Polymeric Betaine EP" (EPA Reg. No. 5383-210).

POLYMERIC BETAINE EP EXAMPLE: When this product is tank mixed with ProTek TWN, the ratio of polymeric betaine to copper (as copper oxide) should be maintained at 1:2.1 by weight. See the following mixing table for details.

**Mixing Table for Tank Mix ProTek TWN and ProTek Polymeric Betaine EP**

Solution Strength % Active	Component Balance Actives Basis (%)		To Mix 1000 Gallons Solution Combine Following Gallons of		
	CuO	Betaine	ProTek TWN	Polymeric Betaine EP	Water
0.40%	0.271%	0.129%	16.4	2.2	981.4
0.60%	0.406%	0.194%	24.7	3.3	972.0
0.80%	0.542%	0.258%	33.0	4.4	962.6
1.00%	0.677%	0.323%	41.3	5.5	953.2
1.50%	1.016%	0.484%	62.4	8.3	929.3
2.00%	1.355%	0.645%	83.7	11.1	905.2
2.50%	1.694%	0.806%	105.2	13.9	880.9
3.00%	2.032%	0.968%	127.0	16.8	856.2
3.50%	2.371%	1.129%	149.1	19.7	831.2
4.00%	2.710%	1.290%	171.4	22.7	805.9

### STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Keep from freezing (above 40°F) in a tightly closed container. Store in a cool dry area.

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 DISPOSAL: Refill mini-bulk containers with pesticide only. Do not reuse these containers 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 for final disposal, empty the remaining contents from the container into the mix tank. Fill the container about 10 percent full with water. Recirculate water with the pump for two minutes. Then add the rinsate to a rinsate collection system or to the mix tank as diluent. Repeat this rinsing procedure two more times. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or, if allowed by state and local authorities, by burning. If burned, stay out of smoke. The same procedure may be used to clean mini-bulk and bulk transport containers prior to refilling.