



U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Antimicrobials Division (7510-P)
1200 Pennsylvania Avenue N.W.
Washington, D.C. 20460

.PA Reg. Number:
61470-3

Date of Issuance:
JAN 24 2014

Term of Issuance:
Conditional

Name of Pesticide Product:
Coal Tar Creosote P2

NOTICE OF PESTICIDE:
[X] Registration
[] Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Technology Sciences Group, Inc. Agent for:
RÜTGERS Germany GmbH
Kekulestrasse 30
Castrop-Rauxel 44579 Germany

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/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 (OPP Decision No. 481607) 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/registration review of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data.

You are required to comply with the Data-Call-Ins (DCI) identified below in a timely and adequate manner and submit your responses to Rose Kyprianou by email at Kyprianou.Rose@epa.gov.

The Creosote Reregistration Eligibility Decision document, EPA 739-R-08-007 was issued September, 2008. A copy of the Registration Eligibility document that outlines the required data in the DCI can be retrieved at http://www.regulations.gov/#!documentDetail;D=EPA-HQ-OPP-2003-0248-0035.

You must comply with all the data requirements in the referenced order within the deadlines established by the order. If you fail to satisfy the requirements in these Orders, EPA will consider appropriate regulatory action, including among other things, cancellation under FIFRA section 6(e).

2. Submit one copy of the finished final printed label prior to releasing this product for sale or distribution.

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Signature of Approving Official:

Jacqueline Hardy
Product Manager 34
Regulatory Management Branch II
Antimicrobials Division (7510-P)

Date:

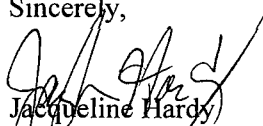
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If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A copy of our review of your data submission (DP414014) is enclosed.

A stamped copy of the conditionally approved label is enclosed for your records. If you have any questions regarding this letter, please contact Tom Luminello at (703) 308-8075 or at luminello.tom@epa.gov.

Sincerely,



Jacqueline Hardy
Product Manager 34
Regulatory Management Branch II
Antimicrobials Division (7510-P)

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RESTRICTED USE PESTICIDE
Due to chronic toxicity in animal studies
For sale to and use only by Certified Applicators or persons under their direct supervision and only for those uses covered by the Certified Applicator's certification.

COAL TAR CREOSOTE P2

FOR PRESSURE TREATMENT OF WOOD

Active Ingredient:

Coal Tar Creosote (AWPA P2) 98.0 %
CAS No. 8001-58-9

Inert Ingredients 2.0 %

Total 100.0 %

Contains Petroleum Distillates

CAUTION

See [side] [back] [other] panel for [additional precautionary statements], [First Aid], [and complete Directions for Use]

EPA Reg. No. 61470-3
EPA Est. No.

Net contents _____ gallons

Manufactured by:

RÜTGERS Germany GmbH
Kekuléstr. 30
Castrop- Rauxel 44579
Germany

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FIRST AID	
If in eyes	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • Call poison control center or doctor immediately for treatment advice. • 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. Do not give any liquid to the person.
If on skin or clothing	<ul style="list-style-type: none"> • 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.
If inhaled	<ul style="list-style-type: none"> • 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.
HOTLINE NUMBER	
Have the product label or MSDS with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-424-9300 for emergency medical treatment information.	
NOTE TO PHYSICIAN	
Probable mucosal damage may contraindicate the use of gastric lavage. Vomiting may cause aspiration pneumonia. Contains petroleum distillates.	

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Causes moderate eye irritation. Harmful if swallowed or absorbed through skin. Do not get in eyes, on skin, or on clothing. Wear protective eye wear (goggles, protective glasses, or face shield). 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.

Prolonged and repeated skin exposure over many years in the absence of recommended hygiene practices may lead to changes in skin pigmentation, benign skin growth and in some cases, result in skin cancer. The inhalation exposure limit to creosote vapor is 0.2 mg/m³ OSHA PEL (* Hour TWA) for Coal Tar Pitch Volatiles (benzene soluble fraction) as specified in 29 CFR 1910.1002. Prolonged or repeated inhalation exposure above the limit may lead to respiratory system effects such as inflammation and possibly changes in liver, thyroid and blood elements.

See [side] [other] panel for additional precautions and First Aid.

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Under the Federal Insecticide, Fungicide, and
Rodenticide Act, this pesticide has been
found to be in violation of the
FIFRA Act. EPA Reg. No. 61470-3

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PERSONAL PROTECTIVE EQUIPMENT (PPE)

All personnel handling treated wood or handling treating equipment (including poles/hooks used to retrieve charge cables) that has come into contact with preservative must wear the following PPE:

- Washable or disposable coveralls or long-sleeved shirt and long pants,
- Chemical resistant gloves, and
- Socks plus industrial grade safety work boots with chemical resistant soles.

All personnel cleaning or maintaining the treatment cylinder gasket/equipment or working with concentrate or wood treatment preservative must wear the following PPE:

- Washable or disposable coveralls or long-sleeved shirt and long pants,
- Chemical resistant gloves,
- Socks plus industrial grade safety work boots with chemical resistant soles, and
- A full face shield.

In the event of equipment malfunction, or for door spacer placement, all personnel located within 15 feet of the cylinder opening prior to cylinder ventilation must wear the following PPE:

- Washable or disposable coveralls or long-sleeved shirt and long pants,
- Chemical resistant gloves,
- Socks plus industrial grade safety work boots with chemical resistant soles, and
- A properly fitting half mask elastomeric respirator with appropriate cartridges and/or filters.

Entry to confined spaces is regulated by Federal and/or State Occupational Safety and Health Programs. Compliance is mandated by law. Individuals who enter pressure treatment cylinders or other related equipment that is contaminated with the wood treatment preservative (e.g. cylinders that are not free of treatment preservative or preservative storage tanks) must wear protective clothing and/or equipment as required by Federal and/or State Occupational Safety and Health Compliance laws.

USER SAFETY REQUIREMENTS

Personnel must leave aprons, protective coveralls, chemical resistant gloves, work footwear, and any other material contaminated with preservative at the treatment facility.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, 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.

Eating, drinking, and smoking are prohibited in the treatment cylinder load-out area, drip pad area, and engineering control room of the wood treatment facilities. EXCEPTION: Where treating operator control rooms are isolated from the treating cylinders, drip pad, and work tanks, eating, drinking, and smoking (depending on local restrictions) are permitted.

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- 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.

ACCEPTED

JAN 24 2014

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the purpose of registration under EPA Reg. No. 61470-3

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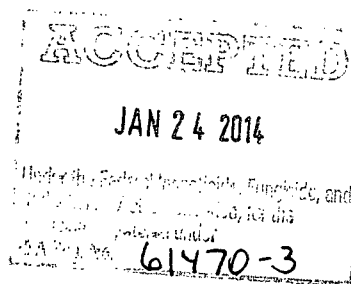
Post-Treatment Procedures:

Creosote-treated wood intended for use in aquatic or marine environments must be processed using one of the following alternative procedures, as determined by the treater:

- **Expansion Bath** – Following the pressure period, creosote should be heated from 10 - 20 degrees F. above press temperatures (consistent with the preservative and species temperature limitations set by AWWPA) for a minimum of one hour. Pump creosote back to storage and apply a minimum vacuum of 22 inches of Hg (adjusted for location elevation) for a minimum of two hours.
- **Steaming** – Following the pressure period, and after the creosote has been pumped back to the work tank, a vacuum must be applied for a minimum of two hours at not less than 22 inches of Hg (adjusted for location elevation) to recover excess preservative. Release vacuum back to atmospheric pressure and steam for two hours for lumber and timbers and three hours for round piling. Maximum temperature during this process should not exceed 240 degrees F. Apply a second vacuum for a minimum of four hours at 22 inches of Hg (adjusted for location elevation).
- **Double Vacuuming** – Following the pressure period and after the creosote has been pumped back to the work tank, a vacuum must be applied for a minimum of one hour at not less than 22 inches of Hg (adjusted for location elevation) to recover excess preservative. Release vacuum back to atmospheric pressure and then follow with a second vacuum of not less than 22 inches of Hg (adjusted for location elevation) for a minimum period of three hours.

Ventilation Process (at conclusion of treatment) to be put in place as of December 31, 2013:

- The cylinder must be ventilated by purging the post-treatment cylinder through fresh air exchange. The ventilation process is considered complete after a minimum of 2 volume exchanges based on the empty treatment cylinder volume. The exhaust pipe of the vacuum system or any air moving device utilized in conducting the air purge must terminate into a containment vessel such as a treating solution work tank or water/effluent tank.
- The ventilation process may be accomplished by one of the following methods: 1) activating an air purge system that operates while the cylinder door remains closed; or 2) using a device to open and hold open the cylinder door (no more than 6 inches) to allow adequate ventilation and activating the vacuum pump.
- If the second method is utilized, at the conclusion of the treatment, no personnel may be located within 15 feet of the cylinder when open (cracked) until the cylinder has been ventilated.
- After ventilation is complete, the cylinder door may be completely opened.



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STORAGE AND DISPOSAL

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

Pesticide Storage: In case of spillage, absorb (with sand, earth, etc.) and dispose of in accordance with applicable Federal, State and local regulations. Contaminated materials must be handled and managed as a RCRA Hazardous Waste and treated before disposal in an approved landfill. This waste is identified by the EPA as a U051 hazardous waste and must meet the treatment standards specified in 40 CFR 268 Subpart D. A RCRA Hazardous Waste Storage permit is required for storage of wastes beyond 90 days.

Pesticide Disposal: Pesticide wastes are toxic. 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.

(Note to reviewer: Container handling instructions are not required for transport vehicles by 40 CFR 156.140(e) and 156.144(g).)

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Supplemental Labeling for Creosote (P2)
EPA Reg. No. 61470-3

Creosote (P2) is registered only for pressure treatment of wood. Wood treaters must not knowingly pressure treat wood commodities that are not encompassed by the following use category table, which provides examples from the American Wood Protection Association (AWPA) Use Category System, as set forth in the most current edition of the AWPAs Book of Standards.

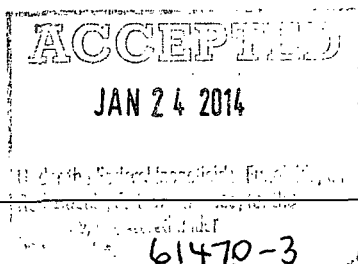
AWPA Commodity Specification: Crossties and Switch Ties	
AWPA Use Category	Commodity Examples
UC 4A, 4B, and 4C	Crossties and Switch Ties, produced from all wood species recognized by AWPAs for this commodity. Manufactured to meet AWPAs specifications.

AWPA Commodity Specification: Posts	
AWPA Use Category	Commodity Examples
UC4A	Posts, round, 1/2 and 1/4 round for highway construction (including guide, sign and sight) and farm fencing
UC4B	Posts, round, 1/2 and 1/4 round for highway construction (including guardrail posts, spacer blocks) and for road salt/brine storage Posts, round, 1/2 and 1/4 round for building construction Round posts, for structural members in agricultural uses

AWPA Commodity Specification: Poles	
AWPA Use Category	Commodity Examples
UC 4A, 4B, and 4C	Utility poles (including laminated) Poles for highway and agricultural construction, lighting, building structural use

Note: poles may be glue-or mechanically-laminated

AWPA Commodity Specification: Piling	
AWPA Use Category	Commodity Examples
UC 4C	Foundation and Land & Fresh Water Piles



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AWPA Commodity Specification Marine: (Salt Water/Brackish Water) Applications	
AWPA Use Category	Commodity Examples
UC 5A, 5B, and 5C	Bulkhead sheathing Lumber/timbers use, including timbers, cross bracing, and highway construction Piles for marine applications Plywood for bridge and marine construction

AWPA Commodity Specification: Sawn Products	
AWPA Use Category	Commodity Examples
UC 1, 2, and 3B	Guardrails for highway construction, including for golf course bridges meeting highway construction standards
UC4A	Lumber/timber for highway construction, including for golf course bridges meeting highway construction standards Cross arms Fence rail (farm/agricultural only, round, 1/4 round, 1/2 round)
UC4B	Highway bridge decking (above ground, structural, subject to critical/severe decay) Road salt/brine storage Highway construction materials, including cribbing, lighting Piles (structural support in residential or business construction) Posts (sawn 4 sides) for highway construction, farm/agricultural structural use, spacer blocks, important building structural use Poles for structural building use Lumber/timbers (5 inches or greater) structural use; highway construction and cribbing; retaining walls for highway uses; building support structures Lumber/ Timbers (2 x 8 inch and/or 3 x 6 inch or greater) for marine use (out of water, ground contact, including salt water splash zone)
UC4C	Piles for structural support

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AWPA Commodity Specification: Wood Composites	
AWPA Use Category	Commodity Examples
UC 1, 2, and 3B	Composite lumber for structural uses Glue- or nail-laminated structural members Plywood for agriculture, and farm use
UC 4A	PSL & LVL composite lumber for highway construction members (laminates) Plywood for bridge and farm/agricultural use
UC 4B	Plywood for marine use in salt water splash zones Plywood for road salt/brine storage, highway construction materials Composite lumber for bridge and highway construction Glue-laminate members (important structural or saltwater splash)
UC4C	Composite (PSL & LVL) lumber highway structural use Members (laminates) for critical structural uses

Note: laminates can be glued or mechanically fastened

Note: PSL = parallel strand lumber, LVL = laminated veneer lumber

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