



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

EPA Reg. Number:

3008-100

Date of Issuance:

4/14/2020

NOTICE OF PESTICIDE:

Registration
 Reregistration
(under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

ORD-X310

Name and Address of Registrant (include ZIP Code):

Leigh Ann Richardson
Koppers Performance Chemicals, Inc.
1016 Everee Inn Road
Griffin, GA 30224

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 reregistered under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended. 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 her/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.

EPA received a label amendment request submitted by email on April 16, 2013. EPA grants this request under the authority of section 3(c)(5) of FIFRA, as amended. With this accepted labeling, all requirements set forth in the Reregistration Eligibility Decision for Coppers and Copper Final Reregistration Review Decision have been satisfied. Therefore, EPA reregisters the product listed above. This action is taken under the authority of section 4(g)(2)(c) of FIFRA, as amended. Reregistration under this section does not eliminate the need for continual reassessment of pesticides. EPA may require submission of data at any time to maintain the registration of your product.

Signature of Approving Official:

Jacqueline Hardy, Product Manager 34
Regulatory Management Branch II
Antimicrobials Division (7510P)
Office of Pesticide Programs

Date:

4/14/2020

Submit one (1) copy of final printed labeling. Amended labeling will supersede all previously accepted labels. A copy of your label stamped "Accepted" is enclosed for your records. Products shipped after 12 months from the date of this Notice or the next printing of your label, whichever occurs first, must bear the new revised label.

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 these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. 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 04/24/2012
- Alternate CSF 2 dated 4/24/2012
- Alternate CSF 3 dated 4/24/2012

If you have any questions, please contact Srinivas Gowda by phone at (703) 308-6354, or via email at gowda.srinivas@epa.gov.

Enclosure: Label stamped "Accepted"

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING: Causes substantial but temporary eye injury. Harmful if swallowed, absorbed through skin, or inhaled. Do not get in eyes or on clothing. Avoid contact with skin. Avoid breathing vapor. 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.

PERSONAL PROTECTIVE EQUIPMENT (PPE): Wear goggles or safety glasses with side shields, Mixers, loaders, applicators, and other handlers must wear the following: rubber gloves, long-sleeved shirt, long pants, shoes plus socks. Protective clothing must be changed when it shows signs of contamination.

USER SAFETY REQUIREMENTS: 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 materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

USER SAFETY RECOMMENDATIONS: 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. As soon as possible, wash thoroughly and change into clean clothing. Wash the outside of gloves before removing.

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

ENVIRONMENTAL HAZARDS: This product is toxic to 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 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. Do not contaminate water when disposing of equipment washwaters or rinsate.



DIRECTIONS FOR USE

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

This product will control all types of fungal decay of wood products - brown, white and soft rot and wood destroying insects. Apply ORD-X310 by vacuum pressure treatment to impregnate wood products that will be exposed to conditions favorable to rot, decay or insect attack above ground, in ground, or in water.

Tank mix ORD-X310 with azole compounds approved by EPA for wood treatment. Treating solutions will contain 0.10% to 3.5% total active ingredients. Treating solutions containing 0.8% total actives are prepared below. For other treating solution strength scenarios, adjust the ORD-X310 and/or azole concentrations to meet the desired copper/azole level. Water will make up the difference.

ORD-X310 and 33.95% azole concentrate: To prepare a 1,000-gallon solution containing 0.8% total active ingredients, combine 995.28 gallons of water, 0.86 gallons of an azole product containing 33.95% actives, and 3.86 gallons of ORD-X310.

An alternative is to tank mix ORD-X310 with quaternary ammonium compounds (quat) approved by EPA for wood treatment. Treating solutions will contain 0.30% to 4.5% total actives with copper to quat (as Didecyl dimethyl ammonium chloride/carbonate (DDAC) equivalent) ratio at either 2:1 or 1:1. Treating solutions containing 0.75% total actives are prepared below. For other treating solution strength scenarios, adjust the ORD-X310 and/or quat concentrations to meet the desired copper/quat levels. Water will make up the difference.

ORD-X310 and quat (2:1): To prepare a 1,000-gallon solution containing 0.75% total active ingredients, combine 992.78 gallons of water, 5.22 gallons of a quat product containing 50% actives, and 2.0 gallons of ORD-X310.

ORD-X310 and quat (1:1): To prepare a 1,000-gallon solution containing 0.75% total active ingredients, combine 990.68 gallons of water, 7.82 gallons of a quat product containing 50% actives, and 1.5 gallons of ORD-X310.

Charts #1 to #3 represent the uses/commodities, maximum application rates, minimum retention in pounds per cubic foot (pcf) of each active ingredient, and minimum total active retention for each use/commodity category.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in an area inaccessible to persons unfamiliar with its use.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these pesticides 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:

Notes: Nonrefillable container: Do not reuse this container to hold materials other than pesticides or dilute pesticides (rinsate). After emptying and cleaning, it may be allowable to temporarily hold rinsate or other pesticide-related materials in the container. Contact your state regulatory agency to determine allowable practices in your state. Empty tote container must be returned to a tote collection agent.
Residue Removal – Cleaning container before final disposal is the responsibility of the person disposing of the container. To clean container before final disposal, fill container about 10 percent full with water; agitate container vigorously; discard rinsate according to pesticide disposal instructions; repeat this rinsing procedure two more times. For additional container disposal information, contact product supplier.

ORD-X310

ANTIMICROBIAL – WOOD PRESERVATIVE

ACTIVE INGREDIENT:

Cuprous Oxide * 66.64%

(CAS No. 1317-39-1)

OTHER INGREDIENTS 33.36%

TOTAL 100.00%

This product contains Sodium Nitrite.

*Metallic Copper Equivalent: 59.0%

**KEEP OUT OF REACH OF CHILDREN
WARNING**

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 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.

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.

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 1-800-222-1222 for emergency medical treatment information.

SEE LEFT PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA Reg. No. 3008-100

EPA Est. No. 3008-TN-1 3008-SC-1

Manufactured by:
Koppers Performance Chemicals Inc.
1016 Everree Inn Rd.
Griffin, GA 30224

NET CONTENTS: _____

BATCH CODE: _____

CHART #1
Uses, Application Rates, and Target Retentions for ORD-X310 + Quaternary Ammonium Compound
Copper/Quat 2:1 Ratio

Uses/Commodities	Maximum Application Rates		Minimum Active Ingredient Retention		Minimum Total Active Retention (pcf)
	as CuO (%)	Quat as DDAC (%)	as CuO (pcf)	Quat as DDAC (pcf)	
Interior/Above Ground Protected/Above Ground Exposed (millwork, siding, walkways, decking, railings, fence pickets, joists, beams)	1.0	0.50	0.10	0.05	0.15
Ground Contact General Use (deck posts, fence posts, joists beams for decks and freshwater docks, utility poles, round guardrail posts, crossties)	2.0	1.0	0.26	0.14	0.40
Ground Contact Heavy Duty (utility poles, building poles, permanent wood foundations, saltwater splash zones, crossties)	3.0	1.5	0.40	0.20	0.60
Ground Contact Extreme Duty (utility poles, crossties, piling)	3.0	1.5	0.40	0.20	0.60

CHART #2
Uses, Application Rates, and Target Retentions for ORD-X310 + Quaternary Ammonium Compound
Copper/Quat 1:1 Ratio

Uses/Commodities	Maximum Application Rates		Minimum Active Ingredient Retention		Minimum Total Active Retention (pcf)
	as CuO (%)	Quat as DDAC (%)	as CuO (pcf)	Quat as DDAC (pcf)	
Interior/Above Ground Protected/Above Ground Exposed (millwork, siding, walkways, decking, railings, fence pickets, joists, beams)	1.0	1.0	0.075	0.075	0.15

CHART #3
Uses, Application Rates, and Target Retentions for ORD-X310 + Azole Compound

Uses/Commodities	Maximum Application Rates		Minimum Active Ingredient Retention		Minimum Total Active Retention (pcf)
	as Cu metal (%)	as Tebuconazole (%)	as Cu metal (pcf)	as Tebuconazole (pcf)	
Interior/Above Ground Protected/Above Ground Exposed (millwork, siding, walkways, decking, railings, fence pickets, joists, beams)	0.5	0.02	0.0577	0.0023	0.06
Ground Contact General Use (deck posts, fence posts, joists, beams for decks and freshwater docks, utility poles, round guardrail posts, crossties)	1.5	0.06	0.144	0.006	0.15
Ground Contact Heavy Duty (utility poles, building poles, permanent wood foundations, saltwater splash zones, crossties)	2.5	0.10	0.298	0.012	0.31
Ground Contact Extreme Duty (utility poles, crossties, piling)	3.5	0.15	0.394	0.016	0.41