

10465-17 PM21 1087

<p style="text-align: center;">US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (TS-767) WASHINGTON, DC 20460</p> <p>NOTICE OF PESTICIDE: <input type="checkbox"/> REGISTRATION <input type="checkbox"/> REREGISTRATION</p> <p style="text-align: center;">(Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">EPA REGISTRATION 10465-17</td> <td style="width: 50%;">DATE OF ISSUANCE FEB 17 1987</td> </tr> <tr> <td colspan="2">TERM OF ISSUANCE Conditional</td> </tr> <tr> <td colspan="2">NAME OF PESTICIDE PRODUCT CCA-Type A, Wood Preservative 50% Concentration</td> </tr> </table>	EPA REGISTRATION 10465-17	DATE OF ISSUANCE FEB 17 1987	TERM OF ISSUANCE Conditional		NAME OF PESTICIDE PRODUCT CCA-Type A, Wood Preservative 50% Concentration	
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<p>NAME AND ADDRESS OF REGISTRANT (Include ZIP code)</p> <div style="border: 1px solid black; padding: 10px; margin: 10px; text-align: center;"> <p>188591 / 17 160</p> </div> <p>Mineral Research & Developmental Corporation One Woodlawn Green Charlotte, NC 28210</p>							
<p>NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.</p>							
<p>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.</p> <p>A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.</p> <p>Registration is in no way to be construed as an indorsement or approval of this product by this 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.</p> <p>This product is conditionally registered in accordance with FIFRA section 3(c)(1)(A) provided that you:</p> <ol style="list-style-type: none"> 1. Submit/date all data required for registration/reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data. 2. Add the phrase "EPA Registration No. 10465-17" to your label before you release the product for shipment. 3. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 Enclosure for a further description of final printed labeling. <p>If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 3(c). Your release for shipment of the product constitutes acceptance of these conditions.</p> <p>A stamped copy of the label is enclosed for your records.</p> <div style="text-align: right; margin-top: 20px;"> <p>Lois A. Rossi Acting Product Manager (21) Fungicide-Herbicide Branch Registration Division (TS-767C)</p> </div>							
<p>Enclosure</p> <div style="text-align: center; border: 2px solid black; padding: 5px; margin: 10px auto; width: 200px;"> <p>BEST AVAILABLE COPY</p> </div> <p><input type="checkbox"/> ATTACHMENT IS APPLICABLE</p>							
<p>SIGNATURE OF APPROVING OFFICIAL</p>	<p>DATE</p>						

RESTRICTED USE PESTICIDE

- ① For sale to and use by certified applicators or by persons under their direct supervision and only for those uses covered by the certified applicators' certification.

CCA TYPE-A WOOD
PRESERVATIVE

Chromated Copper Arsenate
CCA-A 50% Concentrate

②	ACTIVE INGREDIENTS	Oxide
	Chromic Acid (CrO_3)	32.17%
	Cupric Oxide (CuO)	9.23%
	Arsenic Pentoxide (As_2O_5)	8.60%
	INERT INGREDIENTS	50.00%
	TOTAL	100.00%

Total arsenic, all in water soluble form, expressed as metallic - 6.5%
This product contains 7.5 lbs. oxide per gallon
This product weighs 15.00 lbs. per gallon

KEEP OUT OF THE REACH OF CHILDREN

DANGER



POISON

STATEMENT OF PRACTICAL TREATMENT

③

IF SWALLOWED: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

IF IN EYES: Flush with plenty of water. Call a physician.

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

④

Refer to additional precautionary statements elsewhere on the label under the heading, "Precautionary Statements: Hazards to Humans and Domestic Animals".

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Mineral Research & Development Corporation
P.O. Box 610, Harrisburg, NC 28075

⑥

EPA ESTABLISHMENT NO. 10465-NC-1
EPA REGISTRATION NO.: 10465-
NET CONTENTS _____ Lbs.

ACCEPTED
with COMMENTS
to EPA Letter Dated:

FEB 17 1987

Under the Federal Insecticide,
Fungicide, and Rodenticide
Act, amended, 1974,
registered under the act.

10465-19

LEFT PANEL

PRECAUTIONARY STATEMENTS

7 HAZARDS TO HUMANS & DOMESTIC ANIMALS

DANGER

- 8 Corrosive. Causes irreversible eye damage, skin or mucous membrane irritation. Harmful or fatal if swallowed, inhaled or absorbed through skin. Handle in a well ventilated area. Do not get on skin, in eyes or on clothing. Keep container closed when not in use.

- 9 Individuals in the work area of an arsenical wood treatment plant must wear properly fitting, well-maintained high efficiency filter respirators, MSHA/NIOSH-approved for inorganic arsenic, if the level of inorganic arsenic in the plant is unknown or exceeds 10 microgram per cubic meter of air (10 ug/m^3) averaged over an 8-hour work period. Air monitoring programs, procedures and record retention and submission must be conducted in accordance with the instructions on the attached labeling material.

Refer to label attachment, "Permissible Exposure Limit (PEL) Monitoring Program" for additional information concerning the use of this product.

ENVIRONMENTAL HAZARDS

- 10 This product is toxic to fish and wildlife. Do not apply directly to water or wetlands. Do not contaminate water by cleaning of equipment or disposal of wastes.

11 PHYSICAL AND CHEMICAL HAZARDS

Do not use or store near heat or open flame.

BEST AVAILABLE COPY12 DIRECTIONS FOR USE

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

13 STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited.

STORAGE

- 14 This product must be stored in closed tanks or drums which display a label properly identifying the product and its concentration.

PESTICIDE DISPOSAL:

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

LEFT PANEL (CONTINUED)

CONTAINER DISPOSAL

- ①⑥ Triple rinse (or equivalent) and offer for recycling or reconditioning or dispose of in a sanitary landfill or by other approved State and local procedures.

SPILLS

- ①⑦
- Avoid contact with eyes, skin or clothing
 - Dike to contain with sand or soil
 - Collect usable liquid and return to work tank or drum
 - Neutralize any uncollected liquid

50% Concentrate

Apply 200 pounds of lime or 800 pounds of cement per 50 gallons of 50 % concentrate

Working Solutions (up to 10% solution)

Apply 40 pounds of lime or 160 pounds of cement per 50 gallons of solution of 10% or less.

- Collect and enclose in steel drums, any contaminated soil, sand or absorbent and dispose in accordance with local, state and Federal regulations for hazardous waste
- Contact chemical manufacturer, state environmental agency or U.S. E.P.A. for assistance and instructions for control of spilled chemicals.

END LEFT PANEL

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BEGIN RIGHT PANEL

SPECIFIC USE INSTRUCTIONS

18 Contents for use only in pressure treating vessel for forest products. Cannot be used in concentrated form. Do not attempt to use without implementing the necessary safety equipment. To be used only in impregnation of forest products utilizing water solutions having concentrations ranging from 0.5% to 10% by weight. Impregnation procedures must rigidly adhere to the current specifications of the American Wood Preservers Association. Treated wood is provided protection against termites, ascomycetes, brown rot, dry rot and white rot.

19 Applicators must wear gloves impervious to the wood treatment formulation in all situations where dermal contact is expected (e.g., handling freshly treated wood and manually opening cylinder doors).

20 Individuals who enter pressure treatment cylinders and other related equipment that is contaminated with the wood treatment solution (e.g., cylinders that are in operation or are not free of the treatment solution) must wear protective clothing, including overalls, jacket, gloves and boots, impervious to the wood treatment formulation. In addition, individuals who enter pressure-treatment cylinders must wear properly fitting, well maintained, high efficiency respirators, MSHA/NIOSH-approved for inorganic arsenic, if the level of inorganic arsenic in the plant is unknown or exceeds 10 micrograms per cubic meter of air (10 ug/m³) averaged over an 8-hour work period. Air monitoring programs, procedures and record retention and submission must be conducted in accordance with the instructions on the attached labeling material.

21 Applicators must not eat, 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, mixing chemicals and handling freshly treated wood).

22 Wash thoroughly after skin contact and before eating, drinking, use of tobacco products or using restrooms.

23 Protective clothing must be changed when it shows signs of contamination. Applicators must leave protective clothing and workshoes or boots and equipment at the plant. Worn-out protective clothing and workshoes or boots must be left at the plant and disposed of in a manner approved for pesticide disposal and in accordance with state and federal regulations.

24 Processes used to apply inorganic arsenical formulations shall leave no visible surface deposits on the wood, as defined by AWWPA Standard C-1 and AWPB Standards LP2 and LP22. (Visible surface deposits means a surface residue or crystallization on the treated wood. Small isolated or infrequent spots of chemical on otherwise clean wood shall be allowed).

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Figure 1 consists of 16 small plots arranged in a 4x4 grid. Each plot shows the spatial distribution of the number of eggs per plant for one of the four species. The plots are arranged in a 4x4 grid, with each plot showing a different spatial pattern of egg counts across a grid of plants. The plots are arranged in a 4x4 grid, with each plot showing a different spatial pattern of egg counts across a grid of plants.

Implementation of the Permissible Exposure Limit (PEL) Monitoring Program*

Each arsenical wood treatment plant employer shall require all employees potentially exposed to airborne inorganic arsenic to wear properly fitting, well maintained high efficiency filter respirators MSHA/NIOSH-approved for inorganic arsenic for the entire period that the employees are in the treatment application work area or engaged in any activity associated with the treatment process. Alternatively, to potentially relieve employees from the burden of wearing respirators, the employer may implement a Permissible Exposure Limit (PEL) monitoring program. This requirement becomes effective for existing plants on June 1, 1986. Any plants which begin operations in the future will have 3 months from the date of initial operation to implement this requirement.

All wood treatment plant employers who elect to implement the PEL monitoring program must determine the current levels of airborne exposure to employees, if the data were obtained in the same manner as described below in the "Monitoring and Measurements Procedures" unit, and if the employer can certify that no changes have been made since the time of monitoring that could have resulted in new or additional employee exposure to inorganic arsenic including events on the "PEL Checklist" below.

If the initial or subsequent monitoring demonstrates that airborne inorganic arsenic in a work area is greater than 10 ug/m^3 , all employees working in that area are required to wear properly fitting, well-maintained high efficiency filter respirators MSHA/NIOSH-approved for inorganic arsenic. If in subsequent monitoring, at least two consecutive measurements taken at least 7 days apart, the inorganic arsenic levels are below 10 ug/m^3 , employees in those areas may discontinue the wearing of the respirators, except as discussed in the "PEL Checklist" below. However, if the employee exposure is above 5 ug/m^3 and below 10 ug/m^3 , the employer shall repeat monitoring at least every 6 months until at least two consecutive measurements taken at least 7 days apart, are below 5 ug/m^3 . The employer may then discontinue monitoring, except as discussed in the "PEL Checklist" below.

*As taken, from Section IV, paragraph 3. November, 1985. Settlement Agreement, Amended Notice of Intent to Cancel. (EPA)

PEL Checklist

In all cases where there has been a change in production, process, control, or employee handling procedures, or if any events in the PEL Check list occurred, or if, for any other reason an employer should suspect new or additional airborne inorganic arsenic, additional monitoring that complies with the requirements for initial monitoring shall be completed. Responses to the Checklist will become part of the monitoring records. Monitoring is required within 3 months if any of the following events/questions on the check list can be answered in the affirmative with respect to any events which may have occurred since the last monitoring report submitted to the Agency:

1. After the wood has been treated, have you changed from hand stacking or from mechanical stacking to hand stacking? If yes, when?
2. Has your production capacity increased significantly? If yes, when?
3. Have you changed from a ready-to-use or dilute concentrate to a mix-it-yourself formulation? Has the proportional amount of arsenic in the solution increased, e.g., have you shifted from CCA type A or C to type B? If yes, when?
4. Has a significant, i.e., reportable under the "Comprehensive Environmental Response, Compensation, and Liability Act of 1980" (Superfund), 42 U.S.C. 9601 et seq., spill occurred? If yes, when?
5. Is treated wood being retained on the drip pad for less time? If yes, when?
6. Have there been any other production, process, control or employee handling procedure changes which could result in new or additional airborne inorganic arsenic? Identify change, and when it occurred.

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