

19713-286

9-19-2000

1/7



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Program
Registration Division (H7505C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg.
Number:

19713-
286

Date of Issuance:

SEP 19 2000

NOTICE OF PESTICIDE:
____ Registration
X Reregistration

Term of Issuance:

Reregistration

Name of Pesticide Product:

LUM-BOR

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Drexel Chemical Company
2487 Pennsylvania Street
P.O. Box 9306
Memphis, TN 38190-0306

Note: Changes in labeling 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 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.


Based on your response to the Reregistration Eligibility Document, EPA has reregistered the above named product subject to the comments recorded in the succeeding paragraph. This action is taken under the authority of section 4(g)(2)(C) of the Federal Insecticide, Fungicide, and Rodenticide Act, 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.

Make the following labeling changes before you release the product for shipment:

Note that this product is a 100% repack of EPA Registration Number 1624-39. Therefore, label must be identical to EPA Registration No. 1624-39.

1. Add the phrase, "EPA Registration No. 19713-286"
2. Revise the "Precautionary Statement" to read:

Signature of Approving Official:


Adam Heyward, Product Manager 34
RMB-II/Antimicrobials Division

Date:

SEP 19 2000

PRECAUTIONARY STATEMENT

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed. Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling.

3. Revise the Personal Protective Equipment Language to read as follow:

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Mixers/loaders, applicators and other handlers must wear

Long-sleeve shirt and long pants,
shoes plus socks

Protective eyewear,

Chemical resistant gloves (such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, polyvinyl chloride, or viton), and

Respirator with an organic vapor removing cartridge with a prefilter 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."

4. Revise the Statement Of Practical Treatment subheading and text to read as follow:

5. **FIRST 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 by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

"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. Call a Poison Control Center or doctor for treatment advise."

"In Case of emergency, for additional information call (insert toll-free emergency number). "Have the product container or label with you when calling a Poison Control Center or doctor or going for treatment.

Based on the results of the acute toxicity data, this is a tox Category IV for acute dermal toxicity and acute inhalation toxicity and Primary Skin irritation. First aid statements are not required for these routes of exposure. However, you have the option of using First Aid Statement on your label for any or all route of exposure. If you chooses that option, the following statements must

***IF ON SKIN:** - 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.

6. Add the following "User Safety Recommendation" language text, which must be enclosed in a box the label.

The User Safety Recommendations

"Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

"Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing."

"Users should remove personnel protective equipment immediately after handling this product. Wash the outside of gloves before removing. As soon as possible wash thoroughly."

7. The following statement should be revised to read "Do not contaminate... by storage and disposal. Add the word "Pesticide" before the word storage.

8. In the environmental hazard section, add the following statement "This pesticide is toxic to Fish and Wild life."

10. For purposed of clarity and consistency with other label, EPA recommends that you make the following additional changes.

- a. The "Storage and Disposal" box should be placed directly below the Violation of Federal Law text.
- b. "General Information" subheading should be added to the label and placed directly under the Storage and Disposal box.
- c. "General Precautions and Restrictions" subheading should be added to the label.
- d. "Application Instructions" should be added to the label.

See Appendix I and II for further details.

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 stamped copy of the label is enclosed for your records.

Sincerely yours,



Adam Heyward
Product Manager 34
Regulatory Management Branch II
Antimicrobials Division (7510C)

5/7

LUM-BOR

For protection of lumber against fungal decay and wood destroying insects other than termites.

Active Ingredient:
Disodium Octaborate Tetrahydrates*.....98%
Inert Ingredients:.....2%
Total:.....100%

*Boron Equivalent 20.5%

KEEP OUT OF REACH OF CHILDREN
CAUTION

Manufactured by: Drexel Chemical Company
P.O. Box 9306
Memphis, TN 38190

ACCEPTED
with COMMENTS
in EPA Letter Dated:

SEP 19 2000

EPA Reg No: 19713-286
EPA Est No:

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No. 19713-286

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: HARMFUL IF SWALLOWED. Do not get in eyes, on skin or on clothing. Do not breathe spray mist or dust. Do not wear contaminated clothing. Keep away from heat and open flame. Do not use or store near food or feed products. Do not use around home or recreation areas. Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons.

STATEMENT OF PRACTICAL TREATMENT

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 SPLASHED IN EYES: Immediately flush eyes with plenty of water for at least 15 minutes and get medical attention.

IF SPILLED ON SKIN: Immediately remove contaminated clothing, INCLUDING SHOES, and wash skin with soap and plenty of water. If irritation develops, send for a physician.

ENVIRONMENTAL HAZARDS

Do not apply to any body of water. Avoid contamination of food, feed, water supplies, streams and ponds when cleaning equipment.

6/7

Toxic to fish and wildlife. Birds and other wildlife in treated areas may be killed. Do not contaminate water when disposing of equipment wash-waters.

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.

DIRECTIONS FOR USE

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

LUM-BOR is an inorganic borate salt for the protection of lumber against fungal decay and wood destroying insects including:

- | | |
|-------------------------|----------------------|
| Powder Post Borer | -Lyctus brunneus |
| Common House Borer | -Anobium punctatum |
| Common Furniture Beetle | -Anobium punctatum |
| Two Tooth Longhorn | -Ambeodortus cristis |
| House Longhorn Beetle | -Hyiotrutes bijulus |

LUM-BOR is not recommended for protection against termites.

LUM-BOR is not recommended for use in treating lumber which will have contact with the soil or be exposed to leaching by weather.

TREATING CONDITIONS

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the treatment of wood treated under EPA Reg. 11

Solution lbs. LUM-BOR per U.S. gal.	Solution Temperature	Diffusion Period	Lumber Thickness
1.93	115 F/46 C	2-4 wks.	1 inch
3.83	135 F/57 C	6-10 wks.	3 inches

19713-286

Dip freshly sawn green lumber 4 to 5 times in a hot aqueous solution of LUM-BOR. After dipping the lumber should be close-stacked and covered to prevent drying. Drying conditions will prevent diffusion from taking place. Diffusion of the LUM-BOR into the interior of wood will start immediately and will require from 4 to 10 weeks to thoroughly penetrate the lumber depending on the thickness of the lumber.

STORAGE AND DISPOSAL

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

7/7

STORAGE INSTRUCTIONS: Storage should be under lock and key and secure from access by unauthorized person and children. Storage should be in a cool, dry area away from any heat or ignition source. Do not stack over 2 pallets high. Move bags carefully so as not to tear or puncture source. Avoid storage near water supplies, food, feed and fertilizer to avoid contamination. Store in original container only. If the contents are leaking or material is spilled, follow these steps:

1. Collect and place in suitable containers for disposal.
2. Wash area with water and soap to remove remaining pesticide.
3. Follow washing with clean water rinse.
4. Do not allow run off to enter sewer or contaminate water supplies.
5. Dispose of waste as indicated below:

Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Disposal: Completely empty bag into application equipment. Then dispose of bag in a sanitary landfill or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

WARRANTY-CONDITION OF SALE:

LUM-BOR is capable of destroying plant life and therefore should not be spilled or dumped into areas underlain with roots of valuable vegetation.

Because of many varying conditions affecting use and application, manufacturer warns Buyer that these may impair or vary the results or effects of the use of this product. In any event, complete prevention of decay by fungi or other organisms is not guaranteed. Neither manufacturer nor Seller shall be liable in respect to any injury or damage suffered by reason of the use of this product for a purpose not indicated by the label or when used contrary to the directions or instructions hereon nor with respect to breach of any warranty not expressly specified herein.

IN NO CASE SHALL DREXEL CHEMICAL COMPANY or the Seller be liable for consequential, special or indirect damages resulting from the use or handling of this product when such use and/or handling is not in strict accordance with directions given herewith. The foregoing is a condition of sale by Drexel Chemical Company and is accepted as such by the Buyer.

ACCEPTED
with COMMENTS
in EPA Letter Dated:
SEP 19 2000

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide
registered under EPA Reg. No. 19713-286