

OK  
US ENVIRONMENTAL PROTECTION AGENCY  
OFFICE OF PESTICIDES PROGRAMS  
REGISTRATION DIVISION (TS-767)  
WASHINGTON, DC 20460

EPA REGISTRATION NO.  
52747-2

DATE OF ISSUANCE  
AUG 30 1985

TERM OF ISSUANCE

NOTICE OF PESTICIDE:  REGISTRATION  
 REREGISTRATION  
(Under the Federal Insecticide, Fungicide,  
and Rodenticide Act, as amended)

NAME OF PESTICIDE PRODUCT

Formula "Z" 2001 Transparent Emulsion  
Water Base

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

L  
Lion Chemical Co., Inc.  
P.O. Box 1900  
Claremore, OK 74018  
L

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.

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.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

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.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Revise the Confidential Statement of Formula to indicate the following specific values:

Weight/gallon density--a range is not acceptable.  
Flash point--a minimum value is not acceptable.

2. Add the following statement to the present Physical and Chemical Hazard Statement: "Keep away from heat and open flame."

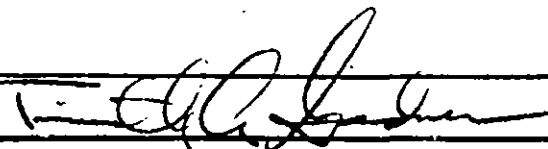
3. Revise the Pesticide Disposal Statement to read as, follows:  
"PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility."

Add the phrase "EPA Registration No. 52747-2" to your label before you release the product for shipment.

Submit five (5) copies of your final printed labeling before you release the product for shipment.

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL



DATE

8-30-85

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

A stamped copy of the label has been enclosed for your records.

Timothy A. Gardner  
Product Manager (17)  
Insecticide-Rodenticide Branch  
Registration Division (TS-767)

Enclosure

RD/IRB:JOB-96842:Gardner:RD-46:Kendrick&Co:898-1270:8/26/85:Del.9/3/85:Kim

**Keds on Dairy and Beef Cattle, Horses, Dogs, Hogs, Sheep and Goats.**

**HOUSE FLIES, MOSQUITOES, GNATS, FLYING MOTHS (MILLERS), AND WASPS OUTDOORS:**

**For Biting Lice, Fleas, Ticks, Bedbugs, and Mites on Poultry:**

For outdoor use as an aid in reducing annoyance from these insects in municipalities, zoos, parks, playgrounds, stadiums, open-air theaters, recreational areas, dump areas, manure and compost piles. Treat the area with 1.5 gallons per acre (14 L/ha). Spray garbage cans, outhouses, barbecue pits, compost and manure piles, and other breeding areas until surfaces are thoroughly wet. Spray outside surfaces of tents, lean-tos, and shelters in camping areas, the outside of barns, dairies, kennels, creameries, food processing plants, and institutions until surfaces are thoroughly wet, paying particular attention to screens, doors, window frames or wherever these insects may enter the room. Also treat surfaces around outdoor light fixtures on porches, in garages, and other places where these insects alight or congregate. Repeat as necessary.

**INDOORS:** For use in hotels, motels, homes, preschools, apartment buildings, commercial, office, institutional and storage buildings, recreational buildings, packaging and processing plants, milk handling areas of milk plants, milk storage rooms, egg processing plants, supermarkets, restaurants, bottling plants, canneries, flour and feed mills, bakeries, boats, ship cabins, and hospitals. In hospitals, patients should be removed prior to treatment. Also for use in campers, mobile homes, buses, automobiles, trucks, boxcars and ship cargo holds. Also for use in barns, stables, kennels, poultry houses, and other animal quarters. When spraying in animal quarters, **DO NOT SPRAY FOOD OR FEED ITEMS.**

**To Control Bed Bugs and Mites in Poultry Houses:** Apply as a crack and crevice and spot treatment with a coarse spray to areas where the bed bugs and mites hide, such as cracks in walls and floor, crevices, roost poles and nests.

**PESTS OUT-OF-DOORS: DO NOT TREAT OR ALLOW THE SPRAY TO CONTACT PLANTS** (lawns, flowering plants, shrubs, trees, evergreens, etc.) **BECAUSE OF POSSIBLE INJURY.**

**Space Spray:** To control House Flies, Mosquitoes, Gnats (Midges), Wasps, and Small Flying Moths (Millers): Close all doors, windows and ventilators. Adjust spray equipment to deliver a fine mist and direct the nozzle upward and outward in all directions. Fill the room with mist at the rate of 0.5 to 1 ounce of spray for each 1,000 cu ft (28.3 cu m) of space. Keep the area closed for 15 minutes, then thoroughly ventilate before entering the treated area.

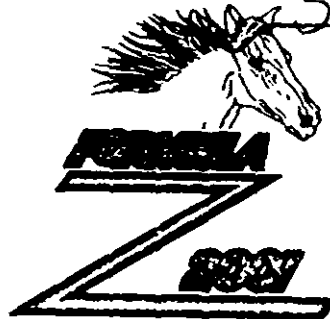
**Contact Spray:** To kill cockroaches (waterbugs), fleas, earwigs, centipedes, sowbugs (pillbugs), boxelder bugs, ants, silverfish and crickets: Adjust spray to produce large wetting type spray particles. Direct spray to contact insects in cracks and crevices in floors, baseboards, around pipes, behind cabinets and other harborage. Hit as many insects directly as possible. Apply the spray to the point of run-off. Repeat as necessary.

**DO NOT APPLY THIS PRODUCT IN CONDUITS, MOTOR HOUSINGS, JUNCTION AND SWITCH BOXES OR OTHER ELECTRICAL EQUIPMENT BECAUSE OF POSSIBLE SHORT CIRCUIT HAZARD. DO NOT USE ON SURFACES THAT CAN BE HARMED OR STAINED BY WATER.**

ACCEPTED  
WITH COMMENTS  
in EPA Letter Dated:

AUG 30 1985

Under the Federal Insecticide,  
Fungicide and Rodenticide Act  
as amended, this pesticide  
registered under EPA Reg. No.



BUG KILLER  
**TRANSPARENT EMULSION  
WATER BASE**

ACTIVE INGREDIENTS:  
Pyrethrins ..... 2.25%W/W  
Piperonyl Butoxide, Technical ..... 22.50%  
INERT INGREDIENTS: ..... 75.25%

100.00%W/W

\*Equivalent to 18.0% (butylcarbityl)(6-propyloiperonyl) ether and 4.5% related compounds

**KEEP OUT OF REACH OF CHILDREN  
WARNING**

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS  
AND STATEMENT OF PRACTICAL TREATMENT.

**Net Contents:**

EPA Reg. No. 432-685-52747

EPA Est. No. 52747-0K-01

PRECAUTIONARY  
HAZARDS TO HUMANS

**STATEMENT:**  
IF SWALLOWED: Call a physician immediately. This product contains...  
IF IN EYES: Flush with plenty of water...  
IF ON SKIN: Wash with plenty of soap and water.

This product is toxic to fish and aquatic life. Do not use near water.

**FLAMMABLE:** Do not use or store near open flames or heat.

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

**DO NOT CONTAMINATE:**  
STORAGE: This material may be stored at room temperature (15°C) if exposed to light. If exposed to light, the product may become...  
PESTICIDE DISPOSAL: Pesticide should be disposed of according to Federal, State, and local regulations.  
CONTAINER DISPOSAL: For all containers, wrap container in newspaper, place in a plastic bag, and dispose of in accordance with local procedures.

Our recommendations for use are based on our experience and are not a guarantee. The use of this product is at the user's own risk. Practice the buyer must use as a result of its mis-use.



LION  
CLARE

NET CONTENTS: QUARTS AND GALLONS