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47000-151

12/21/2004



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (7505C)
1200 Pennsylvania Avenue, N.W.
Washington, D.C. 20004

EPA Reg.
Number:

47000-
151

Date of Issuance:

DEC 21 2004

NOTICE OF PESTICIDE:

☒ Registration
☐ Reregistration

Term of Issuance:

Conditional

Name of Pesticide Product:

Permethrin 1% Liquid

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Chem-Tech, Ltd
1479 West Pond Road
Eagan, MN 55122

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.

This product 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 of your product when the Agency requires all registrants of similar products to submit data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.

2. Make the labeling changes listed below before you release the product for shipment:

a. Add the phrase "EPA Registration No.47000-151."

b. You provide citations for the efficacy data for public health pests within four (4) months from this registration.

Signature of Approving Official:

Date:

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In your letter date November 24, 2004 you agreed to submit a one year storage stability study (830.6317) to the Agency upon completion.

3. Submit two (2) copies of your final printed labeling before you release the product for shipment.

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.

If you have any questions regarding this application please contact Linda DeLuise of Team 13 at (703) 305-5428.

Enclosure



Permethrin 1% Liquid With Synergist

Editors Note: Text in Brackets [] indicates alternate or optional wording, any or all of which may appear on the final labeling.

- [Kills Flies & Lice]
- [Insecticide For Cattle, Sheep and Their Premises]
- [Synergized Formula For Effective Control]
- [Synergized Permethrin]
- [Ready-To-Use as a Pour-On, Spray or Mist – or mix for Backrubber use]
- [Also Kills Flies & Mosquitoes]
- [Can Be Used On Lactating Dairy Cattle]

[POUR ON] - [SPRAY] - [MIST] – [BACK RUBBER] – [PREMISE]

ACTIVE INGREDIENTS:

Permethrin*	1.0%
Piperonyl Butoxide Technical**	1.0%
OTHER INGREDIENTS:***	98.0%
Total	100.0%

- * Cis/Trans ratio: Min. 35% (+/-) cis and max. 65% (+/-) trans
- ** Equivalent to Min. 0.8% butylcarbityl(6-propylpiperonyl) ether and 0.2% related compounds
- *** Contains petroleum distillate

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 47000-15 1.0%

ACCEPTED
with COMMENTS
in EPA Letter Dated
DEC 21 2004

KEEP OUT OF REACH OF CHILDREN CAUTION

FIRST AID	
IF SWALLOWED:	<ul style="list-style-type: none">• Immediately call a poison control center or doctor for treatment advice.• Do not induce vomiting unless told to do so by a poison control center or doctor.• Do not give any liquid to the person.• Do not give anything by mouth to an unconscious 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 mouth-to-mouth if possible.• Call a poison control center or doctor for further treatment.
NOTE TO PHYSICIAN: May pose an aspiration pneumonia hazard. Contains petroleum distillate. Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For emergency information contact: National Pesticide Information Center at 1-800-858-7378 between 6:30 AM and 4:30 PM Pacific Time. After 4:30 call your poison control center.	

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed. Harmful if absorbed through skin or inhaled. Avoid contact with skin, eyes and clothing. Avoid breathing vapor or spray mist. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

ENVIRONMENTAL HAZARDS

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This product is extremely toxic to fish and other aquatic invertebrates. Do not add directly to water. Do not contaminate water when disposing of equipment washwaters. Apply the product only as specified on the label.

DIRECTIONS FOR USE

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

READY TO USE - No dilution necessary.

Apply To:	Target Insects	Application Instructions
Lactating and Non-Lactating Dairy Cattle, Beef Cattle and Calves	Lice, Horn Flies, Face Flies, Aids in control of Horse Flies, Stable Flies, House Flies, Mosquitoes and Black Flies	DOSAGE: Apply 1/2 fl. oz. (15cc) per 100 lbs. body wt. of animal up to a maximum of 5 fl. oz. for any one animal POUR ON: Pour correct dose along back and down face. READY TO USE SPRAY: Use undiluted in a mist sprayer to apply correct dose. Apply directly to neck, face, back, legs and ears. BACK RUBBER USE: Mix one pint per gallon #2 diesel or mineral oil. Keep rubbing device charged. Results improved by daily forced use.
Sheep*	Sheep Keds, Lice	Pour along back. Apply 1/4 fl. oz. (7.5cc) per 50 lbs. body wt. of animal, up to a maximum of 3 fl. oz. for any one animal. For optimum control, all animals in the flock should be treated after shearing.
Premises - in and around Horse, Beef, Dairy, Swine, Sheep and Poultry premises. Animal Hospital Pens and Kennels and "outside" Meat Processing Premises.	House Flies, Stable Flies, Face Flies, Gnats, Mosquitoes, Black Flies, Fleas, Little House Flies (<i>Fannia spp.</i>). Aid in control of cockroaches, ants, spiders, crickets.	For use as a ready-to-use spot spray or premise spray, use undiluted in a mist sprayer. Apply directly to surface to leave a residual insecticidal coating, paying particular attention to areas where insects crawl or alight. One gallon will treat approximately 7,300 square feet.

[APPLICATION INSTRUCTIONS:

Apply 1/2 fl. oz. per 100 lbs. body weight of animal, up to a maximum of 5 fl. oz. for any one animal to kill Lice Horn Flies and Face Flies. Aids in the insecticidal control of Horse Flies, Stable Flies, Mosquitoes and Black Flies on lactating and non-lactating dairy cattle, beef cattle, calves and sheep. For sheep, apply 1/4 fl. oz. per 50 lbs. body weight of animal, up to a maximum of 3 fl. oz. for any one animal. **Pour-On:** Pour along back line and down face. For Keds on sheep*, pour along back line over neck, shoulders and rump. **Ready-To-Use Spray:** Use undiluted in a mist sprayer to apply correct dose. Apply directly to neck, face, back, legs and ears. For Pour-On and Ready-To-Use Spray applications, repeat treatment as needed but do not exceed 5 fl. oz. for any one animal on cattle or 3 fl. oz. for any one animal on sheep during any 14 day interval. For optimum insecticidal effectiveness against lice, a second treatment at 14 day intervals is recommended. **Back Rubber Use:** Mix one pint per gallon #2 diesel or mineral oil. Keep rubbing device charged. For Back Rubber applications, results are improved by dairy forced use.]

For cattle and sheep, repeat treatment as needed, but not more often than once every two weeks. For optimum lice control, two treatments at a 14-day interval are recommended.

Special Note: This product is not effective in controlling cattle grubs.

This product is an oil-based, ready-to-use product that may leave an oily appearance on the hair coat of some animals. This product should be used in an integrated pest management system which may involve good sanitation, repeat treatments and the use of other pest control practices.

*Not registered in the State of California for the control of Sheep Keds and Lice on Sheep.

STORAGE AND DISPOSAL

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

STORAGE: Keep container sealed when not in use. Do not store near food or feed.

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: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

NOTICE

It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Chem-Tech, Ltd, the manufacturer or seller. To the fullest extent allowed by law Chem-Tech, Ltd, the manufacturer or seller shall not be liable for consequential, special or indirect damages resulting from the use or handling of this product. All such risks shall be assumed by the buyer. Except as expressly provided herein, Chem-Tech, Ltd, the manufacturer or seller makes no warranties, guarantees, or representations of any kind, either express or implied, or by usage of trade, statutory or otherwise with regard to the product sold, including, but not limited to, merchantability, fitness for a particular purpose, use or eligibility of the product for any particular trade usage. Buyer's or user's exclusive remedy, and Chem-Tech, Ltd's, the manufacturer's or seller's total liability, shall be for damages not exceeding the cost of the product.

Net Contents _____

EPA Reg. No. 47000-151

EPA Est. No.

Manufactured By:
Chem-Tech, Ltd
Des Moines, IA 50321