

47000-151

7/13/2012

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON D C 20460 0001

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

July 13 2012

Mr Steven E Rogosheske
Director Regulatory Affairs
Chem Tech Ltd
4515 Fleur Drive Suite #303
Des Moines IA 50321 2369

Subject **Amended Reregistration Label**
 Product Name Permethrin 1% Liquid with Synergist
 EPA Registration Number 47000 151
 EPA Decision Number(s) D357318 D410170 & D413572
 Your E Submission Dated July 12, 2012

Dear Mr Rogosheske

The Agency in accordance with the Federal Insecticide Fungicide and Rodenticide Act (FIFRA) as amended has completed reviewing all of the information submitted with your application to support the reregistration of the referenced product in connection with the **REDs for Permethrin and Piperonyl Butoxide** and has concluded that your submission is acceptable

PLEASE NOTE This product is not being reregistered under sections 3(c)5 and 4(g) of FIFRA at this time

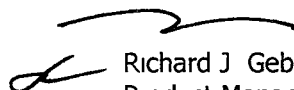
Please note that the record for this product currently contains the Confidential Statement of Formulation (CSF) listed below Any previously dated CSFs are superseded

Basic CSF dated January 14 2010

A copy of your label stamped Accepted is enclosed along with copies of the acute toxicity and product chemistry reviews completed for the subject product Products shipped after 12 months from the date of this amendment or the next printing of the label whichever occurs first must bear the new revised label Your release for shipment of the product bearing the amended label constitutes acceptance of these conditions If these conditions are not complied with the registration will be subject to cancellation in accordance with section 6(e) of FIFRA

If you have any questions about this letter please contact Mr Carmen J Rodia Jr at (703) 306 0327 or via e mail at Rodia.Carmen@epa.gov or Mr Richard J Gebken at (703) 305 6701 or via e mail at Gebken.Richard@epa.gov during the hours of 9 00 A M to 5 30 P M EST

Sincerely Yours


Richard J Gebken
Product Manager (10)
Insecticide Branch
Registration Division (7504P)

Enclosures *Label stamped Accepted*
 Acute toxicity review #1 dated October 7 2010
 Acute toxicity review #2 dated March 23 2011
 Product chemistry review #1 dated June 10 2011
 Product chemistry review #2 dated August 16 2011

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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 Kill]
 [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]

ACCEPTED
July 13, 2012
**Under the Federal Insecticide, Fungicide,
 and Rodenticide Act, as amended, for the
 pesticide registered under**

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

EPA Reg No 47000-151

ACTIVE INGREDIENTS

Permethrin 1 0%

Piperonyl Butoxide* 1 0%

OTHER INGREDIENTS * 98 0%

Total 100 0%

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

KEEP OUT OF REACH OF CHILDREN CAUTION

FIRST AID	
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
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 SWALLOWED	<ul style="list-style-type: none"> Call a poison control center or doctor immediately for treatment advice Do not give any liquid to the person Do not give anything by mouth to an unconscious person Do not induce vomiting unless told to do so by a poison control center or doctor
HOT LINE NUMBER Have the product container or label with you when calling a poison control center or doctor or going for treatment For additional information on this pesticide product (including health concerns medical emergencies or pesticide concerns you may call the National Pesticide Information Center at 1 800 858 7378 twenty four (24) hours per day seven (7) days per week	
NOTE TO PHYSICIAN Contains petroleum distillate Vomiting may cause aspiration pneumonia	

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Contains petroleum distillate Harmful if swallowed inhaled or absorbed through the skin Avoid breathing vapor or spray mist Avoid contact with skin eyes and clothing Wash hands 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

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ENVIRONMENTAL HAZARDS

This pesticide is extremely toxic to aquatic organisms including fish and invertebrates. Do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean water mark. Do not apply when weather conditions favor drift from treated areas. Drift and run off may be hazardous to aquatic organisms in water adjacent to treated areas. This product may contaminate water through run off. This product has a potential for run off for several weeks after application. Poorly draining soils and soils with shallow water tables are more prone to produce run off that contains this product.

This pesticide is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively visiting the treatment area.

Personal Protective Equipment (PPE)

All mixers, loaders, applicators and other handlers must wear:

- Long sleeved shirt and long pants
- Shoes plus socks
- Chemical resistant gloves made of Barrier Laminate, Nitrile Rubber, Neoprene Rubber, or Viton
- Chemical resistant apron for mixers, loaders, persons cleaning equipment, and for handlers performing animal dip applications

User Safety Requirements

Follow manufacturer's instructions for cleaning and 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 should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

DIRECTIONS FOR USE

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

USE RESTRICTIONS

Do not contaminate food or feedstuffs.

Not for use in metered release systems.

Not for use in outdoor residential misting systems (indoor or outdoor).

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

Do not make applications during rain.

Do not water the treated area to the point of run off. Do not water plants to the point of run off or drip.

Except when applying to non domestic (livestock) animals, do not enter or allow others to enter treated areas until sprays have dried.

Except when applying to non domestic (livestock) animals, do not enter or allow others to enter treated areas until vapors, mists, and aerosols have dispersed, and the treated area has been thoroughly ventilated.

Except when applying to livestock, do not apply this product in a way that will contact workers or other persons, either directly or through drift.

Except when applying to livestock, only protected handlers may be in the area during application.

Do not remain in treated area. Exit area immediately and remain outside the treated area until aerosols, vapors, and/or mists have dispersed.

All outdoor applications must be limited to spot or crack and crevice treatments only, except for the following permitted uses: (1) Treatment to soil or vegetation around structures; (2) Applications to lawns, turf, and other vegetation; (3)

Applications to building foundations, up to a maximum height of 3 feet. Other than applications to building foundations, all outdoor applications to impervious surfaces such as sidewalks, driveways, patios, porches, and structural surfaces (such as windows, doors, and eaves) are limited to spot and crack and crevice applications only.

Application is prohibited directly into sewers or drains, or to any area like a gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur. Do not allow the product to enter any drain during or after application.

When used in dairy barns or facilities, close milk bulk tank lids to prevent contamination from spray and from dead or falling insects. Remove or cover milking utensils before application. Wash teats of animals before milking.

Do not use sponge to apply.

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 kill 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 kill 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

STORAGE AND DISPOSAL

Do not contaminate feed food or water by storage or disposal

PESTICIDE STORAGE Keep this product in its tightly closed original container when not in use

Store in a cool dry (preferably locked) area that is inaccessible to children and animals

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 Nonrefillable container Do not reuse or refill this container **If empty** Place in trash or offer for recycling if available **If partly filled** Call your local solid waste agency for disposal instructions Never place unused product down any indoor or outdoor drain

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NOTICE

It is impossible to eliminate all risks inherently associated with the use of this product. 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 extent consistent with applicable 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. Except as warranted by this label, 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 or use of the product, including, but not limited to, merchantability, fitness for a particular purpose or use, or eligibility of the product for any particular trade usage. To the extent consistent with applicable law, Buyer's or user's exclusive remedy, and Chem Tech Ltd's, the manufacturer's or seller's total liability shall be limited to damages not exceeding the cost of the product.

Net Contents _____

EPA Reg No 47000 151

EPA Est No 47000 IA 1

Manufactured By
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7/10/2012 PDCI draft from EPA comments