

34704-454

3/13/2004

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United States Environmental Protection Agency

Mr. Scott Baker, Registration Manager
Loveland Products, Inc.
7251 W. 4th. Street
P.O. Box 1286
Greeley, CO 80632-1286

MAR 13 2004

Subject: Submission of an amendment in accordance with the Federal Fungicide Act as Amended to revise a label in accordance with PR Notice 2001-1.
Product Name: Piperonyl Butoxide Emulsifiable Concentrate 92%
EPA Reg. No.: 34704-454
Date of Submission: December 8, 2003
OPP Identifier Number: none

Dear Mr. Baker;


The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), is acceptable subject to the comments listed below. Five copies of the finished labeling must be submitted prior to releasing the product for shipment.

- 1. Within the **DIRECTIONS FOR USE**, subsection entitled "**APPLICATIONS**" revise the third (3rd) paragraph starting with "This product can be mixed with the following synthetic pyrethroids..." to the following:

"This product can be mixed with" insert all listed intended tank mix product names here "in accordance with the more restrictive of label limitations and precautions. No label dosage rates should be exceeded. This product cannot be mixed with any product containing a label prohibition against such mixing."

A copy of PR Notice 82-01 is enclosed as background information for the relevance to this language revision. If you have any questions, you may contact Richard J. Gebken, at (703) 305-6701.

Sincerely,



Richard Gebken
Acting Product Manager 10
Insecticide Branch
Registration Division (7505C)

Enclosure

034704-00454 S756481 wpd

CONCURRENCES

SYMBOL ▶	H7505C							
SURNAME ▶	RGEBKEN							
DATE ▶	Mar 19, 2004							



PIPERONYL BUTOXIDE

EMULSIFIABLE CONCENTRATE 92%

FOR TANK MIX WITH INSECTICIDES ONLY

ACTIVE INGREDIENT:	BY WT.
PIPERONYL BUTOXIDE TECHNICAL*	92%
INERT INGREDIENTS:	8%
TOTAL	100%

Equivalent to 73.6% (Butylcarbityl)(6-propylpiperonyl) ether and 18.4% related compounds.

Contains 8 lbs. Piperonyl Butoxide Technical Per Gallon (959 g/l).

KEEP OUT OF THE REACH OF CHILDREN CAUTION

SEE BELOW FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA REG. NO. 34704-454

EPA EST. NO. _____

NET CONTENTS _____ GALS. (____ L)

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PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

Harmful if swallowed. May cause eye irritation. Avoid contact with eyes, skin or clothing.

PERSONAL PROTECTIVE EQUIPMENT (PPE):

Applicators and other handlers must wear: Long-sleeved shirt and long pants, waterproof gloves and shoes plus socks.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

Engineering Control Statements:

When handlers use closed systems, enclosed cabs or aircraft in a manner that meets with requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR 170.240 (d) (4-6)), the handler PPE requirements may be reduced or modified as specified in the WPS.

USER SAFETY RECOMMENDATIONS

Users should:

Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

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.

ACCEPTED
with COMMENTS
In EPA Letter Dated
MAR 13 2004

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

34704-454

FIRST AID

IF IN EYES:	<ul style="list-style-type: none"> 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 eye. Call a poison control center or doctor for treatment advice.
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 SWALLOWED:	<ul style="list-style-type: none"> Call a poison control center or doctor immediately for treatment advice. Have a person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.
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 by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

FOR A MEDICAL EMERGENCY INVOLVING THIS PRODUCT CALL:
1-800-301-7976.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. For terrestrial uses, do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water by cleaning of equipment or disposal of wastes.

DIRECTIONS FOR USE

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

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This standard contains the requirements for the protection of agricultural workers on farms, forests, nurseries and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil or water, is: Coveralls, waterproof gloves, shoes plus socks.

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**PIPERONYL BUTOXIDE
EMULSIFIABLE CONCENTRATE 92%
EPA REG. NO. 34704-454**

STORAGE AND DISPOSAL

PROHIBITIONS: Do not contaminate water, food or feed by storage or disposal.
PESTICIDE STORAGE: Store in safe manner. Store in original container only. Store in cool, dry place. Keep container tightly closed when not in use. Reduce stacking height where local conditions, such as humidity or pallet overhang, can affect package strength.

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: **Metal:** Triple rinse (or equivalent). Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill or by other procedures approved by state and local authorities. **Plastic:** 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.

REPRESENTATION OR RECOMMENDATION DIFFERENT FROM OR INCONSISTENT WITH THE LABEL OF THIS PRODUCT.

IN NO EVENT SHALL LOVELAND PRODUCTS INC., THE MANUFACTURER OR SELLER BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE, HANDLING, APPLICATION, STORAGE OR DISPOSAL OF THIS PRODUCT OR FOR DAMAGES IN THE NATURE OF PENALTIES AND THE BUYER AND USER WAIVE ANY RIGHT THEY MAY HAVE TO SUCH DAMAGES.

APPLICATIONS

This product is an emulsifiable concentrate containing 8 pounds of piperonyl butoxide technical per gallon. It is designed for tank mixing with certain insecticides to increase their efficacy. Applications may be made by air or ground equipment or by chemigation, provided that the tank mix insecticide label permits such applications.

Typical tank mix insecticides are synthetic pyrethroids (including, but not limited to, those listed below), natural pyrethrins and rotenone. Other insecticides may be combined with this product provided that their labels do not prohibit tank mixing with piperonyl butoxide. Because all potential mixtures have not been evaluated for efficacy, consult your local Agricultural Extension Service for recommendations in your area. Do not use in post harvest applications.

This product can be mixed with the following synthetic pyrethroids:

Allethrin	Fenvalerate
Bioallethrin	Permethrin
Bioresmethrin	Phenothrin
Cismethrin	Resmethrin
Cypermethrin	Tetramethrin
Deltamethrin	

Modify
per Agency
Comments
here

To be used in a tank mix with rotenone. Consult a rotenone label for proper dosage. This product can be used with rotenone on potatoes, eggplants and tomatoes.

Compatibility: This product is compatible with most common insecticides, but it is recommended that a small amount of each proposed mixture be checked in a jar test before large scale mixing. Mix all ingredients in the proper proportions and observe compatibility for 30 minutes.

Rate: Use 2 to 8 fluid ounces of this product per acre plus recommended rate of insecticide. For small areas, 0.28 to 1.1 teaspoons per 1000 square feet are approximately equal to the per acre rate.

Chemigation: Refer to supplemental labeling entitled "APPLICATION THROUGH IRRIGATION SYSTEMS-CHEMIGATION" for use directions for chemigation. Do not apply this product through any irrigation systems unless the supplemental labeling on chemigation is followed.

WARRANTY DISCLAIMER AND 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 DUE TO SUCH FACTORS AS WEATHER CONDITIONS, PRESENCE OR ABSENCE OF OTHER MATERIALS, OR THE MANNER OF USE OR APPLICATION, ALL OF WHICH ARE BEYOND THE CONTROL OF LOVELAND PRODUCTS INC., THE MANUFACTURER OR SELLER.

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