

50404 -5

11/30/89

1/6

US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (TS-767) WASHINGTON, DC 20460  <b>NOTICE OF PESTICIDE:</b> <input type="checkbox"/> REGISTRATION <input type="checkbox"/> REREGISTRATION <i>(Under the Federal Insecticide, Fungicide,          and Rodenticide Act, as amended)</i>	EPA REGISTRATION NO. 50404-5	DATE OF ISSUANCE NOV 30 1989
	TERM OF ISSUANCE Until Reregistration	
	NAME OF PESTICIDE PRODUCT Permethrin Arthropod Repellant	

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Coulston International Corporation P.O. Box 30 Easton, PA 18044-0030	$\begin{array}{r l} 244213 & 166 \\ \hline & 4 \quad 18 \end{array}$ $\begin{array}{r l} 246155 & 166 \\ \hline & 4 \quad 18 \end{array}$
--	--

**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. Submit and/or cite all data required for registration/reregistration or your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Make the labeling changes listed below before you release the product for shipment:
  - a. Add the phrase, "EPA Registration No. 50404-5".
  - b. The statements "Avoid contact with face, eye or skin," and "Avoid breathing vapors or spray mist," should be moved under the precautionary statements paragraph on the side panel.
  - c. Add the following statement to the precautionary statements paragraph:

Wash thoroughly after handling and before eating and smoking.

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL 	DATE 11/30/89
-------------------------------------	------------------

- d. On front and rear panels add the qualifier (of genus *Aedes*) following the word mosquitoes.

There is not enough data to establish a general claim for kill/repellency for mosquitoes since only one species was tested. A minimum of either laboratory or field testing using mosquitoes of the genera Anopheles, Culex, Culiseta, Mansonia and/or Psorophora, with special emphasis on the first 2 listed, and using a rate equivalent to approximately 0.025 mg/cm<sup>2</sup> on treated clothing, is needed to establish the general claim for kill/repellency of mosquitoes when the subject product is applied according to label directions.

Although the Agency has not formally made a decision to require quantitative carcinogenic risk assessments regarding registrations and tolerances for permethrin, in the interim in order to expedite completion of review of data in support of registration of this product for use by military, the Agency performed a quantitative carcinogenic risk assessment for the use of PEMETHRIN ARTHROPOD REPELLENT on military uniforms and evaluated the hypothetical risk associated with this specific use of permethrin. Our risk assessment indicated that only in the most extreme and unlikely combinations of exposure would the carcinogenic risk be greater than 10<sup>-6</sup>. More practical usage and even frequent use would result in the risk being well below 10<sup>-6</sup>. Refer to the attached reviews for a more detailed discussion in the regard.

- 3. Submit five (5) copies of your final printed labeling before you release the product of shipment. Refer to the A-79 Enclosure for a further description of final printed labeling.

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.

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

A stamped copy of the label is enclosed for your records.

Sincerely yours,

George T. LaRocca  
Product Manager 15  
Insecticide-Rodenticide Branch  
Registration Division (H7505C)

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

4/6

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

NOV 30 1989

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

50404-5

DRAFT LABEL

Front Panel

PERMETHRIN ARTHROPOD REPELLENT

Insect Repellent, Fabric Treatment

DO NOT APPLY TO SKIN

Kills/Repels Mosquitoes and Ticks

For Use and Distribution within the Department of Defense Only

\*Military Field Clothing and Mosquito Netting Only

**ACTIVE INGREDIENT:	Permethrin.....	0.5%
INERT INGREDIENTS:	.....	99.5%
		100.0%

\*Hot Weather (100% Cotton) and Temperate (Nylon/Cotton; 50:50)  
Field Uniforms Only.

\*\*(3-phenoxyphenyl) methyl (+/-) cis/trans  
3 - (2, 2-dichloroethenyl)2, 2-dimethyl cyclopropanecarboxylate  
Cis/Trans ratio: min. 35% (max. 40%) (+/-) Cis and max. 65% (min.  
60%) (+/-) trans.

KEEP OUT OF REACH OF CHILDREN  
CAUTION

Avoid contact with face, eyes, or skin. Avoid breathing vapors or  
spray mist. See side panel for additional precautions.

NET CONTENTS 6 oz.

DRAFT LABEL

SIDE PANEL

Precautionary Statements Hazards To Humans And Domestic Animals

CAUTION

Do not allow contact with treated surfaces until spray has dried. Do not allow spray to contact food, or water supplies. Thoroughly wash dishes and food handling utensils contaminated with this product.

Statement of Practical Treatment

- If on Skin: Wash affected areas of skin with soap and water.
- If In Eyes: Flush eyes with plenty of water. Contact a physician if irritation persists.
- If Inhaled: Remove affected person to well-ventilated area, if not already done. Apply artificial respiration if indicated.

Physical Hazards

Contents under pressure. Do not use or store near heat or open flame. Do not puncture or incinerate container. Exposure to temperatures above 130 Degrees F may cause bursting.

EPA REG. NO. 50404-5  
EPA EST. NO: 10900-OH-1

COULSTON INTERNATIONAL CORPORATION  
P.O. BOX 30  
EASTON, PA 18044

DRAFT LABEL

REAR PANEL

DIRECTIONS FOR USE

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

SHAKE WELL BEFORE USING.

To be used for treatment of hot weather and temperate military field clothing and mosquito netting only. Make all applications outdoors. DO NOT TREAT UNIFORM CAP.

For protection against mosquitoes and ticks select an outdoor area protected from the wind, spray outer surfaces of clothing (while not being worn) and mosquito netting with a slow sweeping motion to lightly moisten the surface of the fabric. Treat the clothing for a minimum of 30 seconds on each side and allow 2 hours (4 hours under humid conditions) to dry prior to being worn. Hold can at a distance of 6 to 8 inches from the object being treated. Treatment should moisten the surface of the fabric enough to cause a slight color change. Use approximately 3/4 of this container to treat one complete field uniform. Use remainder on mosquito netting.

Treat the entire outside surface of clothing with special attention to sock, trouser cuffs, and shirt cuffs. Pant cuffs should be worn inside the socks or footwear to ensure full protection against ticks and chiggers. This item must be used in conjunction with the standard issue repellent approved for application to exposed skin areas to achieve maximum protection from mosquitoes. Follow standard field uniform laundering procedures weekly. Reapply after six weeks and sixth laundering.

DISPOSAL

Replace cap, wrap container in several layers of newspaper. Discard in trash. Do not incinerate or puncture. In field situations bury the container.