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US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (75-767) WASHINGTON, DC 20460 NOTICE OF PESTICIDE: <input checked="" type="checkbox"/> REGISTRATION <input type="checkbox"/> REREGISTRATION <i>(Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)</i>	EPA REGISTRATION NO. 64583-1	DATE OF ISSUANCE SEP 16 1991
	TERM OF ISSUANCE Conditional	
	NAME OF PESTICIDE PRODUCT LittlePoint Insect Repellent	

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

DILLON, KNOWLES & COMPANY
58 Beacon Street
Boston, MA 02108

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 section 3(c)(7)(A) provided that you:

1. Submit/cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) or 4(a) when the Agency requires all registrants of similar products to submit such data.
2. Make the label changes listed below before releasing the product for shipment:
 - a. Add the phrase "EPA Registration No. 64583-1" to the label.
 - b. Delete the following statements from the product label:
 - (1) "...minor amount of active repelling ingredient last a long time."
 - (2) "This same technology also works in such a way as to minimize the skin absorption of that active repelling ingredient, Deet."
 - (3) "....was able to make minute amounts of N,N-Dethyl-m-toluamide last several times longer than ever possible."

ATTACHMENT IS APPLICABLE

SEP 16 1991

SIGNATURE OF APPROVING OFFICIAL	DATE SEP 16 1991
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(4) "..., reducing the skin absorption while making a small amount of active repelling ingredient last a long time."

(5) "....with 90% natural ingredients.."

(6) "Absorption into the skin is reduced."

(7) "..., even pleasant to use."

(8) Delete the safety claim "For the Entire Family".

- c. On those packages which will be labeled specifically for use of the product on adults, the 10 ml labeled packages, add the following to this product label:

Do not use this packet on children or infants.

- d. Enclosed you will find the LIP for products which contain the active ingredient DEET. Make the labeling changes indicated in this document.

The acute toxicity studies were reviewed and the results were graded as follows:

- (1) Oral toxicity: category IV
- (2) Dermal Toxicity: category III
- (3) Eye Irritation: category III
- (4) Dermal Irritation: category IV
- (5) Dermal Sensitization: not a sensitizer
- (6) No Inhalation data

Refer to the review dated July 24, 1991, by Dr. Whang Phang regarding the acute dermal toxicity study, concerning dermal absorption.

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

Sincerely,



Richard F. Mountfort
Product Manager (10)
Insecticide-Rodenticide Branch
Registration Division

Enclosures

CARTON AND POUCH LABELING

**LittlePoint
INSECT REPELLENT
For the Entire Family**

**Insect Protection for Adults and Children
For Four Hours of Protection
from**

**Ticks and Mosquitoes
Biting Flies and Fleas
Chiggers and "No-See-Ums"**

**ACCEPTED
with COMMENTS
in EPA Letter Dated
SEP 16 1991
Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
64583-1**

ACTIVE INGREDIENTS:	
N,N-Diethyl-m-toluamide	9.5%
Related compounds	0.5%
INERT INGREDIENTS	90.0%
Total 100.0%	

Keep Out of Reach of Children

W A R N I N G
See back panel for additional
precautionary statements.

NET CONTENTS: 10 ml.

**Dillon, Knowles & Company
LittlePoint Laboratories
58 Beacon Street; Boston, MA 02108**

4/21/77

**Page 2 of 5: LittlePoint Insect Repellent:
Carton and Pouch Labeling**

DIRECTIONS FOR USE

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

Apply to skin for hours of protection. Reapply as effectiveness diminishes.

STORAGE: Store in a cool, dry place (preferably locked).
DISPOSAL: Do not reuse empty packaging. Wrap carton, pouch or pad in newspaper and discard in trash.

PRECAUTIONARY STATEMENTS

Hazards to Humans & Domestic Animals

WARNING: Causes substantial but temporary eye injury. Do not get in eyes. If In Eyes: Flush with plenty of water. Get medical attention.

EPA Reg. No. _____

EPA Est. _____

Please do call us with any questions, comments, advice or for the location of the LittlePoint Insect Repellent vendor nearest to you, at 1-800-243-2929.

DILLON, KNOWLES & COMPANY
LittlePoint Laboratories
58 Beacon Street; Boston, MA 02108

**Page 3 of 5: LittlePoint Insect Repellent:
General Selling Copy for Use on Any
Portion of Labeling, As an Insert,
or Direct Mail Copy**

What is LittlePoint Insect Repellent? LittlePoint Insect Repellent is a revolutionary new kind of insect protection, the result of an effort to produce an insect repellent for 1990's parents and their children. LittlePoint Insect Repellent uses proprietary pharmaceutical controlled release technology to make a relatively minor amount of active repelling ingredient last a long time. This same technology also works in such a way as to minimize the skin absorption of that active repelling ingredient.

How does LittlePoint Insect Repellent work? LittlePoint Insect Repellent consists of a sole active repelling ingredient and a proprietary "molecular entrapment" technology. This technology surrounds the active repelling ingredient, encasing it in a kind of protective chamber. The repelling ingredient can evaporate into the air through one (sometimes two) microscopic openings in this chamber. Molecular entrapment technology provides for extremely efficient evaporation of the repelling ingredient. Evaporation of the active repelling ingredient carries the scent that deters mosquitoes, biting flies, ticks, no-see-ums, chiggers and fleas. LittlePoint Insect Repellent's evaporation - and its repelling effect - lasts for a minimum of four hours. Female mosquitoes need blood in order to reproduce. They find their victims by detecting the presence of lactic acid in the air. Lactic acid is a common metabolic byproduct that is released through the skin. LittlePoint Insect Repellent interferes with the mosquitoes' ability to detect lactic acid, the mosquitoes cannot find you!!

What is so special about LittlePoint Insect Repellent? Varying percentages of any applied-to-the-skin ointment, lotion, or spray are ultimately absorbed into the bloodstream. Molecular entrapment of the active repelling ingredient, N,N-Diethyl-m-toluamide, means that very little of it touches the skin, even when evaporating. Each entrapped molecule sits just above the skin. Millions of these molecules, when mixed together, become LittlePoint Insect Repellent, a light emulsion that allows minimal seepage through the skin. Each entrapped molecule of the repelling ingredient is about seven microns in diameter (a micron being a fraction of the width of a human hair). Human skin pore size is typically several times smaller than that.

Does that mean I can use it on my children? The repelling ingredient works during evaporation. As the repelling ingredient evaporates, it gives off a scent. Insects are deterred from the skin by that scent, causing the insect to seek other victims. LittlePoint Insect Repellent's molecular entrapment technology makes the evaporation of the repelling ingredient highly efficient. As a result, LittlePoint Insect Repellent

**Page 4 of 5: LittlePoint Insect Repellent:
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uses only a fraction of the N,N-Diethyl-m-toluamide found in other products with much greater efficacy. Only a small fraction of that small fraction will go into the skin. Only a small fraction of that small fraction of that small fraction will go into the body. So LittlePoint Insect Repellent is considered especially appropriate for use with you children and with older people as well - in fact, it's appropriate for all ages of people. Because LittlePoint Insect Repellent was developed for children, as well as adults. It was originally designed to provide parents with a product they could feel confident putting on their children. Although LittlePoint Insect Repellent is delicate enough for their pint sized bodies ... the bugs are repelled no matter whose skin it's on. Testing results show that it repels insects from the adult body for a minimum of four hours - or long enough to finish eighteen holes of golf.

Where did LittlePoint Insect Repellent come from?

LittlePoint Insect Repellent was developed serendipitously as a byproduct of a larger biotechnology project. By using new formulating techniques that make certain drugs and medications last far longer than previously possible, a major pharmaceutical company, in collaboration with LittlePoint Insect Repellent Labs, was able to make minute quantities of N,N-Diethyl-m-toluamide last several times longer than ever possible. LittlePoint Insect Repellent is really a controlled release version insect repellent. This version of LittlePoint Insect Repellent provides a minimum of four hours of insect protection for whomever uses it.

How well does citronella work? Sassafras? And those

perfumes that allegedly repel mosquitoes? Unfortunately, citronella, sassafras, Skin-So-Soft^R, bergamot, lavender and other rumored-to-be repellent products have virtually no repellency power against any insects. If you want to protect your children from insects, it is certainly better to use LittlePoint Insect Repellent on your children than herbal alternatives and bath oils. Research has proven that citronella, lavender, bath oils, sassafras and other formulas rumored to repel insects have no repellency power. So far, N-N-Diethyl-m-toluamide is the only repellent proven to be effective.

Introducing LittlePoint Insect Repellent, a completely new kind of insect protection. The feel of an expensive skin cream. A scent that's hardly noticeable. And a minimum of four hours of protection from mosquitoes, ticks, and other pests. Finally, insect protection for the 1990's. LittlePoint Insect Repellent is a breakthrough in personal insect repellent products. LittlePoint Insect Repellent was specifically designed for the most important person in your life: your child.

2047

**Page 5 of 5: LittlePoint Insect Repellent:
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LittlePoint Insect Repellent was developed using molecular entrapment technology, which holds the active repelling ingredient in a kind of protective chamber, keeping it from seeping through the skin like other personal insect repellent products. Molecular entrapment also makes a tiny amount of active repelling ingredient last a long time.

Finally, insect protection for the people who need it most: our children.

Because more is not always better: Thanks to LittlePoint Insect Repellent's proprietary controlled release technology, LittlePoint Insect Repellent combines only 10% of the repelling compound with 90% natural ingredients and still provides long last repellency. Absorption into the skin is also reduced to trace amounts.

Because it is convenient, even pleasant to use. LittlePoint Insect Repellent feels like a skin lotion. LittlePoint Insect Repellent's light feel and neutral scent are refreshing improvements over the stickiness and odors we are accustomed to. It is also conveniently packaged in individual applications that can be easily tucked into the pocket of a golf bag. You have to try it to believe it.