

399678
RECORD NO.

129066
SHAUGHNESSEY NO.

REVIEW NO.

EEB REVIEW

MAY 21 1992

DATE: IN 7-22-91 OUT _____

FILE OR REG. NO 064714-R

PETITION OR EXP. NO. _____

DATE OF SUBMISSION 7-11-91

DATE RECEIVED BY EFED 7-19-91

RD REQUESTED COMPLETION DATE 11-15-91

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RD ACTION CODE/TYPE OF REVIEW 116

TYPE PRODUCT(S) : I, D, H, F, N, R, S Biochemical

DATA ACCESSION NO(S). _____

PRODUCT MANAGER NO. Mike Mendelsohn/Phil Hutton (PM-18)

PRODUCT NAME(S) Roach-Repel

COMPANY NAME R.C.G., Inc.

SUBMISSION PURPOSE Section 3 Registration

SHAUGHNESSEY NO. 129066 CHEMICAL, & FORMULATION

129066 C. cassia 90.0 %

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EEB REVIEW

Pesticide Name Roach-Repel (Cinnamon Scented)

100.0.0 Submission Purpose and Label Information

100.1.0 Submission Purpose and Pesticide Use

R.C.G., Inc. has requested a Section 3 Registration for cinnamon (Cinnamomum cassia) as the active ingredient for the control of cockroaches.

Cinnamon consists of the dried inner bark of various evergreen trees belonging to the genus Cinnamomum. The source of the cinnamon used in this product is from C. cassia and is reddish brown in color, distinctively sweet in taste and mildly pungent.

100.2.0 Formulation Information

ROACH-REPEL

CINNAMON SCENTED

ACTIVE INGREDIENT: <u>C. cassia</u>	90.0 %
INERT INGREDIENTS.....	10.0 %
	100.0 %

100.3.0 Application Methods, Directions, Rates

ROACH-REPEL is nature's way of ridding premises of undesirable disease carrying cockroaches

Sprinkle ROACH-REPEL in all corners of shelves in food pantries and storage areas, in corners of cabinets, under sinks, behind and under refrigerators, and in corners of closets.

Sprinkle ROACH-REPEL under furniture and in the corners of all rooms.

Sprinkle ROACH-REPEL where ever cockroaches are observed.

100.4.0 Target Organisms

Cockroaches

100.5.0 Precautionary Labeling

The label contains the following precautions:

KEEP OUT OF REACH OF CHILDREN
CAUTION

2 H.

101.0.0 Hazard Assessment

101.1.0 Discussion

No studies were supplied with this submission because the registration is for indoor use only. Due to this use pattern, exposure to nontarget organisms will be minimal to nonexistent, so all of the data requirements will be waived.

101.2.0 Likelihood at Adverse Effects to Nontarget Organisms

Avian Studies

No studies were submitted due to indoor use pattern.

Fish Studies

No studies were submitted due to indoor use pattern.

Mammalian Wildlife

The active ingredient for this product is cinnamon which is a food product that is consumed on a regular basis by humans. In light of the above information, risk to mammalian wildlife is expected to be minimal to nonexistent.

Aquatic Invertebrate Studies

No studies were submitted due to indoor use pattern.

Estuarine and Marine Animal Studies

No studies were submitted due to indoor use pattern.

Nontarget Plant Studies

No studies were submitted due to indoor use pattern.

Honey Bee Studies

No studies were submitted due to indoor use pattern.

101.3.0 Endangered Species Considerations

Due to the indoor use pattern, no exposure to endangered species is anticipated from the proposed uses of this product. No risk to endangered species is expected from the use of this product.

101.4.0 Adequacy of Toxicity Data

(See the Generic Data Table)

The registrant has addressed the data requirements outlined in the Pesticide Assessment Guidelines, Subdivision M.

Generic Data Requirements For Roach-Repel

Data Requirement	Test ¹ Substance	Use ² Patterns	Does EPA Have Data?	Bibliographic Citation	Must Additional Data Be Submitted?
<u>§158.740 Biochemical Pesticide Nontarget Organism - Tier I</u>					
<u>Avian Testing</u>					
154-6 Avian Acute Oral					
- upland gamebird	TGAI	I	No		No ³
154-7 Avian Dietary					
- upland gamebird	TGAI	I	No		No ³
<u>Aquatic Organism Testing</u>					
154-8 Freshwater Fish LC ₅₀					
- rainbow trout	TGAI	I	No		No ³
154-9 Freshwater Invertebrate					
- <u>Daphnia magna</u>	TGAI	I	No		No ³
<u>Additional Testing</u>					
154-10 Nontarget Plant Studies	TGAI	I	No		No
154-11 Nontarget Insect Studies	TGAI	I	No		No

1/ TGAI = Technical Grade of the Active Ingredient; TEP = Typical End-Use Product.

2/ The use patterns are coded as follows: A = Terrestrial, Food Crop; B = Terrestrial, Nonfood;
C = Aquatic, Food Crop; D = Aquatic, Nonfood; E = Greenhouse, Food Crop; F = Greenhouse, Nonfood;
G = Forestry; H = Domestic, Outdoor; I = Indoor.

3/ Studies are waived due to the indoor use pattern, which would allow minimal exposure to nontarget organisms.

101.5.0 Adequacy of Labeling

The precautionary labeling is adequate.

102.0.0 Classification: Indoor Use Only

103.0.0 Conclusions

EEB has reviewed the proposed Section 3 Registration of Roach-Repel by R.C.G., Inc. for control of domestic cockroaches. No studies were supplied with this submission because the product is only labelled for use indoors. This use pattern will allow minimal exposure to nontarget organisms, so the data requirements were waived. If a change in use pattern is proposed by the registrant at a later date, EEB will need to review these changes to determine if studies will be necessary for making a risk assessment. However, the current indoor use of this product should not cause adverse effects to nontarget organisms.

David Bays, Microbiologist
Ecological Effects Branch
Ecological Fate and Effects Division (H7507C)

David Bays 5/21/92

Leslie W. Touart, Head Section 1
Ecological Effects Branch
Ecological Fate and Effects Division (H7507C)

L. W. Touart 5/26/92

Douglas J. Urban, Acting Chief
Ecological Effects Branch
Ecological Fate and Effects Division (H7507C)

Douglas J. Urban 5/28/92