IBB.ISS.PRECAUTIONARY_LABEL_REVIEW

PM: 15
OUT: 05-24-88
COM: RL
EPA REG NO: 475-6
PLR: 05-09-88
DUE: 06-09-88
PRODUCT NAME: BLACK FLAG ROACH CONTROL
AC: 175
SYSTEM II
RN: 220366

COMPANY NAME: BOYLE-MIDWAY HOUSEHOLD PRODUCTS, INC.
SOUTH AVENUE AND HALE STREET
CRANFORD, NJ. 07016

FORMULATION: ABAMECTIN
INERT INGREDIENTS

0.075% 99.925%

INTRODUCTION
New product registration, new use.

USES
For use in homes to control roaches, palmetto bugs and water bugs. Pesticide is contained in a child resistant bait station.

SUBMITTED DATA
Acute toxicity data and proposed product labeling.

CONCLUSIONS
1. Submitted studies were reviewed and the product was assigned the following categories.

<table>
<thead>
<tr>
<th>STUDY_TYPE</th>
<th>CORE_CLASS</th>
<th>TOX_CAT</th>
<th>MBID#</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Oral</td>
<td>Minimum</td>
<td>IV</td>
<td>405889-02</td>
</tr>
<tr>
<td>Acute Dermal</td>
<td>Minimum</td>
<td>III</td>
<td>-03</td>
</tr>
<tr>
<td>Acute Inhalation</td>
<td>Not Submitted</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Eye Irritation</td>
<td>Guideline</td>
<td>IV</td>
<td>405889-02</td>
</tr>
<tr>
<td>Skin Irritation</td>
<td>Guideline</td>
<td>IV</td>
<td>405889-02</td>
</tr>
<tr>
<td>D. Sensitization</td>
<td>Not Submitted</td>
<td></td>
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</tbody>
</table>

2. Acute Inhalation and Dermal Sensitization are not required.

3. Product Labelling is acceptable.
TEST FORMULATION: BLACK FLAG ROACH CONTROL SYSTEM II

TEST LABORATORY: CONSUMER PRODUCT TESTING
1275 BLOOMFIELD AVENUE
FAIRFIELD, NJ. 07006

STUDY SUMMARIES

1. ACUTE ORAL LD50
Study Number 88107
Health Assessment Guideline (81-1)
Deviations from Guideline: None

LEVELS TESTED: 5M & 5F Wistar, barrier-reared rats (212-240 gms):
5.0 g/kg test material suspended in corn oil (25% gravimetric
suspension). Oral gavage. 14 day observation period.

TOXIC SIGNS: Mucoid diarrhea.

NECROPSY: No data provided.

LD50 MALES: > 5.0 g/kg 0% Mortality
FEMALES: > 5.0 g/kg 0% Mortality

COMBINED: N/A

CORE CLASSIFICATION: MINIMUM

TOXICITY CATEGORY: IV

2. ACUTE DERMAL LD50

Study Number 801173
Health Assessment Guideline (81-2)
Deviations from Guidelines: None

LEVELS TESTED: 5M & 5F NZ White rabbits (2.0-2.5 kg): 2.0 GM/KG
undiluted paste. Applied to shaved intact skin sites. 24-H
dermal occluded exposure. 14 day observation period. Following
24-H exposure any residual test material was removed.

TOXIC SIGNS: Slight edema in all test animals and (8/10) elicited
slight erythema, clearing by day 2 in all.

NECROPSY: Unremarkable.

LD50 MALES: > 2.0 GM/KG 0% MORTALITY
FEMALES: > 2.0 GM/KG 0% MORTALITY

COMBINED: N/A

CORE CLASSIFICATION: MINIMUM

TOXICITY CATEGORY: III

* Preforming laboratory: LEEERCO TESTING, INC.
123 HAWTHORNE STREET, ROSELLE PARK, NJ. 07204
3. EYE IRRITATION

Study Number
Health Assessment Guideline (81-4)
Deviations from Guideline: None

LEVELS TESTED: 6 NZ White rabbits (1.5-2.0 kg): Received an single ocular application of 0.1 gm of test material instilled into one of each animal. Treated eyes were not rinsed and animals were observed for 3 days post instillation. Sodium Fluorescein was used prior to following exposure.

OCULAR FINDINGS: 1-HR DAY-1 DAY-2 DAY-3 DAY-7 DAY-14

Corneal opacity
Iritis
Conjunctivae

None
None
(6/6) 1
(1/6) 1
(1/6) 1

Exhibited
Exhibited
Clear

1-Redness (draize score 1)
NOBS- No Observation recorded

CORE CLASSIFICATION: Guideline

TOXICITY CATEGORY: IV

4. DERMAL IRRITATION

Study Number 88107
Health Assessment (81-5)
Deviations from Guideline: None

LEVELS TESTED: 6 NZ White rabbits (2.0 kg): 0.5 gms undiluted clipped intact skin sites. 4-H semi-occluded dermal exposure. 3-Day observation period.

DERMAL FINDINGS:

ERYTHEMA: (1/6) V SL at 24-H. Cleared by 72-H.

EDEMA: None elicited.

PDIS: 0.10

V SL - Very Slight
W DF - Well Defined
SL - Slight

CORE CLASSIFICATION: Guideline

TOXICITY CATEGORY: III