MEMORANDUM

SUBJECT: EPA Reg. No./File Symbol 475 - E II

Black Flag Fatal Attraction

FROM: William S. Woodrow WSW 5-22-90
Precautionary Review Section
Registration Support Branch
Registration Division (H7505C)

TO: George LaRocca/08 (PM 15)
Insecticide - Rodenticide Branch
Registration Division (H7505C)

APPLICANT: Boyle-Midway Household Products, Inc.
South Ave. and Hale St.
Cranford, New Jersey 07016

FORMULATION FROM LABEL:

Active Ingredient(s):
Avermectin B1 [mixture]: 80.7, Avermectin B1a (5-O-demethyl avermectin A1a) and 20.3,
Avermectin B1b (5-O-demethyl-25-de (1-methylpropyl)-25-(1-methylcyclohexyl) avermectin A1a)

Inert Ingredient(s): ......................................................... 0.050

Total 100.0%
**BACKGROUND**

Boyle-Midway Household Products, Inc. applied for registration of Black Flag Fatal Attraction (EPA 475-E II), citing acute toxicity data previously submitted in support of Boyle-Midway Black Flag Roach Control System II (EPA 475-E II).

**RECOMMENDATION**

The acute toxicity data submitted (referenced) to support registration of Black Flag Fatal Attraction is acceptable to R.573/PRS. An acute toxicity profile for 475-E II (Black Flag Fatal Attraction) as well as Black Flag Roach Control System II follows:

<table>
<thead>
<tr>
<th>Core Grade</th>
<th>Toxic Category</th>
</tr>
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<tbody>
<tr>
<td>Acute oral</td>
<td>Minimum</td>
</tr>
<tr>
<td>Acute dermal</td>
<td>Minimum</td>
</tr>
<tr>
<td>Eye Irritation</td>
<td>Guideline</td>
</tr>
<tr>
<td>Skin Irritation</td>
<td>Guideline</td>
</tr>
<tr>
<td>Dermal Sensitization Guidelines</td>
<td>did not sensitiz 90%</td>
</tr>
</tbody>
</table>

**NOTE:** The cited studies were generated using Black Flag Roach Control System II.
PM NOTE: The Registrant should request a waiver for the requirement to submit an acute inhalation toxicity study.

LABELING

1) The CAUTION signal word is appropriate.
2) The Registrant must place a paragraph entitled "Precautionary Statements" on the product label. Under the Precautionary Statement heading, state the following: "Harmful if absorbed through the skin. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling."
3) The Registrant must place a paragraph entitled "Statements of Practical Treatment." Under Statements of Practical Treatment add: "If on Skin: Wash with plenty of soap and water. Get medical attention."