

FILE COPY

Memorandum

Date: 1 November 1983

Subject: EPA Reg. No. 1021-340 PYROCIDE INTERMEDIATE NO. 5192
Caswell #715, 670, 613, 646
In 9-30-83; record no. 106216

From: B. T. Backus
IRB/TSS

To: Mr. Tim Gardner
Product Manager 17

Registrant: McLaughlin Gormley King Co.
8810 Tenth Ave. North
Minneapolis, MN 55427

Active Ingredients:

Pyrethrins.....	9%
Piperonyl Butoxide, Technical.....	18%
N-Octylbicycloheptene dicarboximide.....	30%
Petroleum Distillate.....	43%

Background:

The registrant has submitted an inhalation LC₅₀ study (received 9-21-83).

Comments and Recommendations:

1. The inhalation study conducted on Pyrocide[®] Intermediate 5192 has been classified as supplementary data as 1) no analytical measurements were apparently made as to actual (as opposed to nominal) concentration of product and/or active(s) to which subjects were exposed and 2) while mass median diameter is reported as 0.88 u no further information (geometric standard deviation, particle size distribution) is given.
2. Since the product contains 43% petroleum distillate, it would be appropriate, at the next label printing, to add a STATEMENT OF PRACTICAL TREATMENT for IF SWALLOWED. This should be something like:

IF SWALLOWED - Call a physician or Poison Control Center.
Do not induce vomiting because of aspiration hazard.

Review:

The following study was conducted on the product formulation at Biosearch Inc. P.O. Box 8598, Philadelphia, PA 19101. Study was received 9-21-83, and is in Acc. 251314.

1. Acute inhalation LC₅₀ - rat. Project No. 81-2585A; dated 8-24-81.

Procedure: 5M, 5F rats (unidentified strain) were exposed for 1 hr to an aerosol of nominal concentration 11.79 mg/L, with subsequent 14-day observation.

Results: No mortalities. Mass median diameter reported as 0.88 u, but no further information given as to particle size distribution or geometric standard deviation. No information given as to actual (as opposed to nominal) concentration of product and/or active(s) to which subjects were exposed.

Study Classification: Core Supplementary Data

Byron T Backus 11/01/83

Byron T. Backus
IRB/TSS

11/01/83