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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

ONE LINERS

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OFFICE OF
PESTICIDES AND TOXIC
SUBSTANCES

MEMORANDUM

SUBJECT: 6(a)(2) Data: Oxyfluorfen; Pilot Teratology Study; ID No. 111601-000707

Caswell No.: 188AAA
Project No.: 2-0112
Rereg. Case No.: 2490
Submission No.: S386830
MRID No.: 94051

TO: Bruce Sidwell, PM Team #53
Reregistration Branch
Special Review and Reregistration Division (H7508W)

FROM: William Dykstra, Ph.D. *William Dykstra 10/30/91*
Review Section I, TB-I, IRS
Health Effects Division (H7509C)

THRU: Roger Gardner, Section Head *Roger Gardner*
Review Section I, TB-I, IRS
Health Effects Division (H7509C)
KB 11/5/91

Requested Action:

Review pilot teratology study identified as 6(a)(2) data during phase 3.

Conclusion and Recommendation:

1. The submitted study (MRID No. 94051) is a dose range-finding study which was used to determine the dose levels to be tested in a definitive study previously reviewed (see one-liners).
2. In the definitive study, the NOEL for maternal toxicity was 10 mg/kg/day and the NOEL for developmental toxicity was 10 mg/kg/day.
3. Based on the results of the definitive study (see one liners), no developmental toxicity was observed at doses below maternally toxic levels, and, therefore, the flagging criterion for developmental toxicity in 40 CFR, Subpart 158.34, is not exceeded (Criterion Number 5).

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