OPP OFFICIAL RECORD
HEALTH EFFECTS DIVISION
SCIENTIFIC DATA REVIEWS
EPA SERIES 361

MICROFICHE

013111

TOXICOLOGY ENDPOINT SELECTION DOCUMENT

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Chemical Name: *Bromadiolone*
PC Code: 112001

Caswell No. 486

Based upon a review of the toxicology database for the chemical listed above, toxicology endpoints and dose levels of concern have been identified for use in risk assessments corresponding to the categories below. A brief capsule of the study is presented for use preparation of risk assessments.

Where no appropriate data have been identified or a risk assessment is not warranted, this is noted. Data required to describe the uncertainties in the risk assessment due to the toxicology database are presented. These include but are not limited to extrapolation from different time frames or conversions due to route differences. If route to route extrapolation is necessary, the data to perform this extrapolation are provided.

Reviewer: Whang Phang Date: 12/6/94 Whang Phang 12/6/94

Branch Chief: Marcia van Gemert Date: 12/7/94 Marcia van Gemert

Dermal Absorption Data (If available)

No dermal absoption data are available.

100% aborption was assumed. This assumption was reasonable because the LD_{50} values for dermal and oral toxicity were similar (≈ 2 mg/kg).

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Short Term **Occupational or Residential** Exposure (1 to 7 Days)

Rabbit teratology study, 2 μg/kg. Reason as described in Acute Dietary Endpoint.

MRID No.: 92196015

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Intermediate Term Occupational or Residential (1 Week to Several Months)

Rabbit teratology study, 2 μg/kg. Reason as described in Acute Dietary Endpoint.

MRID No.: 92196015

Cancer Classification and Basis: No cancer classification

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R.D and basis: A RfD value of 0.02 ug/kg/day (0.00002 mg/kg/day) was established based on the "threshold" LOEL value of 2 μg/kg from a rabbit teratology study (92196015) and a safety factor of 100.

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