Data Evaluation Report
Ecological Effects Branch

1. **Chemical:** Bromacil(verification required)

2. **Test Material:** Liquid VIII Concentrate - purity and identity of active ingredient not identified.

3. **Study Type:** 48 Hour Static Acute Toxicity Test with <u>Daphnia magna</u>

4. **Study Identification:**

   Study Author: Surprenant, Donald
   Laboratory: E. G. and G. Bionomics, Wareham, Mass.
   Study Dates: August 10-12, 1983
   Study Identification: Study No. 079-0783-H55-110
   Sponsor: I. Schneid Inc., Atlanta, Ga.
   EPA Identification: MRID 137445

5. **Reviewed by:** Brian Montague, Fisheries Biologist
   Ecological Effects Branch
   Environmental Fate and Effects Division

6. **Approved by:** Ray Matheny, Supervisory Biologist
   Ecological Effects Branch
   Environmental Fate and Effects Division

   9/18/90

7. **Conclusions:** This study cannot be used for registration purposes. The chemical is not properly identified, and there is some question as to whether this actually is a Bromacil formulation.

8. **Recommendations:** Get clarification concerning the identity of Liquid VIII concentrate.

Invalid

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9. **Submission Purpose:** Was included in registration materials submitted for Bromacil.

10. **Materials and Methods:** The study would appear to have followed sound methodology with several minor deviations from accepted protocol procedures. A full review can be completed following identity of the chemical's active ingredient and it's purity.

11. **Reported Test Results:** Liquid VIII concentrate was nearly non-toxic with no reported mortality occurring after 48 hours of exposure at nominal .concentrations up to 1000 ppm.

12. **Study Author's Conclusions:** " D. magna were exposed to concentrations of Liquid VIII concentrate ranging from 130 to 1000 mg/l during this study. After 48 hours of exposure no mortalities occurred among the exposed organisms."

13. **Reviewer's Discussion:** A full review of this study was not completed on this study pending confirmation of what Liquid VIII concentrate is.

    Adequacy of Study:

        Classification: Invalid

        Rationale: Chemical not properly identified.

        Repairability: Repairable