



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

002917

4/25/1983

OFFICE OF
PESTICIDES AND TOXIC SUBSTANCES

MEMORANDUM

TO: Robert Taylor (25)
Registration Division (TS-767)

THRU: Robert B. Jaeger, Section Head
Review Section #1
Toxicology Branch/HED (TS-769)

SUBJECT: Atrazine Registration Standard

Submission of the Toxicology Branch evaluation of Atrazine toxicity data consists of:

1. Reviews of previously unreviewed studies.
2. Data Evaluation Reports for each relevant toxicity study.
3. "One-Liners" for the data base.
4. Data Summary, a bibliography which discusses the toxicological data gaps and measures taken to fill them.

Toxicology Chapter

Acute Testing

81-1 Oral LD₅₀

Atrazine is a chlorotriazine herbicide which has a low toxicity from acute exposure. Both rats and mice have been studied and found to have acute oral LD₅₀ values of 2,850 mg/kg BW (MRID #00027097), and 3,992 mg/kg BW, (MRID# 00024727), respectively. A second and third rat study were

