

US EPA ARCHIVE DOCUMENT

DRAFT

1-EEB-11B  
11/25/98

MRID No. 446327-02

**DATA EVALUATION RECORD**  
**S 72-2 - ACUTE EC<sub>50</sub> TEST WITH A FRESHWATER INVERTEBRATE**

1. **CHEMICAL:** Acetochlor ethane PC Code No.: 121601  
sulfonic acid (acetochlor metabolite)
2. **TEST MATERIAL:** R290131 Purity: 97%
3. **CITATION:**  
Authors: S.J. Kent and N. Shillabeer  
Title: R290131: Acute Toxicity to *Daphnia magna*  
Study Completion Date: June 27, 1997  
Laboratory: Brixham Environmental Laboratory,  
Brixham, Devon, UK  
Sponsor: ZENECA Ag Products, Wilmington, DE  
Laboratory Project ID: BL5969/B  
MRID No.: 446327-02  
DP Barcode: D249066
4. **REVIEWED BY:** Mark Mossler, M.S., Toxicologist,  
Golder Associates Inc.

Signature: 

Date: 11/25/98

**APPROVED BY:** Pim Kosalwat, Ph.D., Senior Scientist,  
Golder Associates Inc.

Signature: P. Kosalwat

Date: 11/25/98

5. **APPROVED BY:**

Signature:

Date:

6. **STUDY PARAMETERS**

Age of Test Organism:	<24 hours
Definitive Test Duration:	48 hours
Study Method:	Static
Type of Concentrations:	Mean measured

7. **CONCLUSIONS:** This study is scientifically sound and fulfills the guideline requirements. A 48-hour EC<sub>50</sub> of >125 ppm classifies R290131 as practically non-toxic to *Daphnia magna*.

**Results Synopsis:**

EC<sub>50</sub>: >125 ppm  
NOEC: 125 ppm

95% C.I.: N/A  
Probit Slope: N/A



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