

US EPA ARCHIVE DOCUMENT

1-EEB-08C  
6/26/88

MRID No. 438646-17

**DATA EVALUATION RECORD**  
**§ 72-3 - ACUTE LC<sub>50</sub> TEST WITH AN ESTUARINE/MARINE FISH**

1. **CHEMICAL:** Omadine® Sulfonic Acid PC Code No.: 088002

2. **TEST MATERIAL:** Pyridine-N-oxide-2-sulfonic acid (98.5%)  
(Omadine® sulfonic acid)

3. **CITATION:**  
Authors: R.L. Boeri, P.L. Kowalski, and T.J. Ward  
Title: Acute Toxicity of Omadine® Sulfonic Acid  
(Pyridine-N-oxide-2-sulfonic acid) to the  
Sheepshead Minnow, *Cyprinodon variegatus*

Study Completion Date: February 28, 1994  
Laboratory: T.R. Wilbury Laboratories, Inc.,  
Marblehead, MA  
Sponsor: Olin Corporation, New Haven, CT  
Laboratory Report ID: 36-OL  
MRID No.: 438646-17  
DP Barcode: D239429

4. **REVIEWED BY:** Mark Mossler, M.S., Toxicologist,  
Golder Associates Inc.

Signature:  Date: 6/25/98

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

Signature: P. Kosalwat Date: 6/25/98

5. **APPROVED BY:**

Signature: Date:

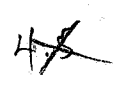
6. **STUDY PARAMETERS:**

**Age or Size of Test Organism:** 35 mm  
**Definitive Test Duration:** 96 hours  
**Study Method:** Flow-through  
**Type of Concentrations:** Mean measured

7. **CONCLUSIONS:** This study is scientifically sound and fulfills  
the guideline requirements. A 96-hour LC<sub>50</sub> of >137 ppm ai  
classifies Omadine® sulfonic acid as practically non-toxic to  
the sheepshead minnow.

**Results Synopsis**

LC<sub>50</sub>: >137 ppm ai                      95% C.I.: N/A  
NOEC: 137 ppm ai                         Probit Slope: N/A



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