

DATA EVALUATION RECORD
§ 72-3 - ACUTE LC₅₀ 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:**

<u>Authors:</u>	R.L. Boeri, P.L. Kowalski, and T.J. Ward
<u>Title:</u>	Acute Toxicity of Omadine® Sulfonic Acid (Pyridine-N-oxide-2-sulfonic acid) to the Sheepshead Minnow, <i>Cyprinodon variegatus</i>
<u>Study Completion Date:</u>	February 28, 1994
<u>Laboratory:</u>	T.R. Wilbury Laboratories, Inc., Marblehead, MA
<u>Sponsor:</u>	Olin Corporation, New Haven, CT
<u>Laboratory Report ID:</u>	36-OL
<u>MRID No.:</u>	438646-17
<u>DP Barcode:</u>	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 LC₅₀ of >137 ppm ai classifies Omadine® sulfonic acid as practically non-toxic to the sheepshead minnow.

Results Synopsis

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

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