

US EPA ARCHIVE DOCUMENT

1-LLU 110
12/4/98

MRID No. 446600-01

DATA EVALUATION RECORD
§ 72-1 - ACUTE LC₅₀ TEST WITH A WARMWATER FISH

1. **CHEMICAL:** Mineral oil PC Code No.: 063502

2. **TEST MATERIAL:** N65DW - assumed to be 100% pure

3. **CITATION:**

Authors: T.J. Ward and R.L. Boeri
Title: Acute Toxicity of N65DW to the Bluegill Sunfish, *Lepomis macrochirus*

Study Completion Date: September 2, 1998

Laboratory: T.R. Wilbury Laboratories, Inc.,
Marblehead, MA

Sponsor: Petro-Canada Lubricants, Mississauga,
Ontario, Canada

Laboratory Study ID: 1565-PC

MRID No.: 446600-01

DP Barcode: D250019

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

Signature:  Date: 12/3/98

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

Signature: P. Kosalwat Date: 12/4/98

5. **APPROVED BY:**

Signature: Date:

6. **STUDY PARAMETERS:**

Age or Size of Test Organism: 34 mm
Definitive Test Duration: 96 hours
Study Method: Static
Type of Concentrations: Nominal

7. **CONCLUSIONS:** This study is scientifically sound and fulfills the guideline requirements. A 96-hour LC₅₀ of >500,000 ppm classifies the test material as practically non-toxic to the bluegill sunfish.

Results Synopsis:

LC₅₀: >500,000 ppm
NOEC: 500,000 ppm

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