

US EPA ARCHIVE DOCUMENT

1-ECB-110
2/1/99

MRID No. 447082-01

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

1. **CHEMICAL:** Petroleum distillates PC Code No.: 063503

2. **TEST MATERIAL:** GB-1111 Purity: 98.75%

3. **CITATION:**
Authors: K.R. Drottar and H.O. Krueger
Title: GB-1111: A 96-Hour Static Acute Toxicity Test with the Rainbow Trout (*Oncorhynchus mykiss*)
Study Completion Date: November 10, 1998
Laboratory: Wildlife International Ltd., Easton, MD
Sponsor: Golden Bear Oil Specialties, Inc., Los Angeles, CA
Laboratory Report ID: 481A-104
MRID No.: 447082-01
DP Barcode: D251756

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

Signature: *Mark Mossler* Date: 1/28/99

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

Signature: *P. Kosalwat* Date: 1/28/99

5. **APPROVED BY:**

Signature: Date:

6. **STUDY PARAMETERS:**

Age or Size of Test Organism: 28-34 mm
Definitive Test Duration: 96 hours
Study Method: Static
Type of Concentrations: Mean measured

7. **CONCLUSIONS:** This study is scientifically sound and fulfills the guideline requirements. The 96-hour LC₅₀ for rainbow trout exposed to GB-1111 was determined to be >120 ppm ai, which classifies this material as practically non-toxic to the rainbow trout.

Results Synopsis:
LC₅₀: >120 ppm ai 95% C.I.: N/A
NOEC: 45 ppm ai Probit Slope: N/A