

US EPA ARCHIVE DOCUMENT

1-ΣEB-11H
6/4/99

MRID No. 447809-03

DATA EVALUATION RECORD
§ 71-2(B) -- WATERFOWL DIETARY LC₅₀ TEST

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

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

3. **CITATION:**
Authors: S.P. Gallagher, J. Grimes, and J.B. Beavers
Title: GB-1111: A Dietary LC₅₀ Study with the Mallard
Study Completion Date: March 10, 1999
Laboratory: Wildlife International Ltd., Easton, MD
Laboratory Report ID: 481-103
Sponsor: Golden Bear Oil Specialties, Inc., Los Angeles, CA
DP Barcode: D254748
MRID No.: 447809-03

4. **REVIEWED BY:** Max A. Feken, M.S., Environmental Toxicologist, Golder Associate Inc.

Signature:  Date: 6/1/99

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

Signature: P. Kosalwat Date: 6/1/99

5. **APPROVED BY:**

Signature: Date:

6. **STUDY PARAMETERS:**

Scientific Name of Test Organism: *Anas platyrhynchos*
Age of Test Organisms at Test Initiation: 10 days
Definitive Study Duration: 8 days

7. **CONCLUSIONS:** This study is scientifically sound and fulfills the guideline requirements for an acute dietary toxicity test using mallards. The LC₅₀ was greater than 5620 ppm ai, which classifies GB-1111 as practically non-toxic to the mallard duck. The NOEC was determined to be 5620 ppm ai.

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