

US EPA ARCHIVE DOCUMENT

DATA EVALUATION RECORD
AQUATIC PLANT EC₅₀ TEST
GUIDELINE 123-2 (TIER II)

1. CHEMICAL: Tebuconazole PC Code No.: 128997

2. TEST MATERIAL: Folicur Technical Purity: 96.7%

3. CITATION:

Author: Lisa M. Bowers
Title: Toxicity of Folicur Technical to *Lemna gibba* G3

Study Completion Date: March 13, 1997

Laboratory: Bayer Corporation, Agriculture Division,
Research and Development Department,
Kansas City, MO

Sponsor: Bayer Corporation, Kansas City, MO

Laboratory Report ID: 107681

DP Barcode: D237470

MRID No.: 442469-01

4. REVIEWED BY: Karl Bullock, M.S., Environmental Scientist,
Golder Associates Inc.

Signature: *Karl Bullock* Date: 2/17/98

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

Signature: *P. Kosalwat* Date: 2/17/98

5. APPROVED BY:

Signature: *Regina Huson* Date: 8/19/98

6. STUDY PARAMETERS:

Definitive Test Duration: 14 days
Type of Concentrations: Mean initial measured

7. CONCLUSIONS: This study is scientifically sound and fulfills the guideline requirements for a Tier II aquatic plant toxicity study.

Results Synopsis

EC₅₀: 151.5 ppb ai 95% C.I.: 139.2-164.9 ppb ai

Probit Slope: N/A NOEC (EC₀₅): 34.2 ppb ai

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