

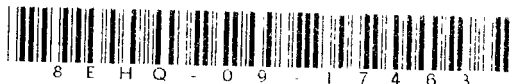


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Sanitized Version

MR# 318282

March 31, 2009



09 APR -2 AM 7:36

RECEIVED

Via Federal Express

United States Environmental Protection Agency - East
Attn: TSCA Section 8(e)
Room 6428
1201 Constitution Avenue, NW
Washington, DC 20004

Subject: Notice in Accordance with Section 8(e): Results of a Toxicity Study in Green Alga
(*Pseudokirchneriella subcapitata*) with Substituted Nitrogen Containing Heterocycle

Dear Sir/Madam:

BASF Corporation is submitting results of an acute toxicity test with Substituted Nitrogen Containing Heterocycle in Green Alga (*Pseudokirchneriella subcapitata*), conducted by BASF SE, Ludwigshafen, Germany (NON-GLP Indicator Study). The test substance is an experimental pesticide.

The test was conducted in a static system over 72 hours according to the following test guidelines: "OECD Guideline for Testing of Chemicals, No. 201 (adopted March 23, 2006): Freshwater Alga and Cyanobacteria, Growth Inhibition Test)."

The following nominal concentrations were tested: 0, 0.01, 0.1, 1, 10 and 100 µg a.i./L
A control without solvent was run, additionally.

All test solutions were visibly clear over the entire exposure period.

The test substance is a TGAI. Analyses were not carried out.

Company Sanitized

BASF Corporation
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Tel: (800) 526-1072
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The Chemical Company

United States Environmental Protection Agency - East

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The following effect concentrations were obtained based on nominal concentrations:

Growth rates

NOEC	=	0.1 µg a.i./L
E_rC₁₀ (72 h)	=	0.05 µg a.i./L
E_rC₅₀ (72 h)	=	3.3 µg a.i./L

Yield

NOEC	=	0.01 µg a.i./L
E_yC₁₀ (72 h)	=	0.13 µg a.i./L
E_yC₅₀ (72 h)	=	0.35 µg a.i./L

Explanation:

The **NOEC** is the highest concentration tested with no statistical significant deviation compared to the control.

The **EC₅₀** is the concentration calculated at which 50% of the animals were immobile.

BASF Corporation understands that reporting of results from this study under TSCA 8(e) is in accordance with EPA's policy.

Please note that a confidential version of this letter is enclosed, treating the chemical identities as confidential business information.

The information considered confidential is highlighted, in accordance with U.S. EPA policy. The non-confidential name can be referred to as Substituted Nitrogen Containing Heterocycle.

A confidentiality substantiation questionnaire is being submitted for this substance.

Please send all correspondence related to this submission to the attention of Janet Cerra. If you have any questions, please call (973) 245-6693.

Sincerely,

Janet Cerra

Janet Cerra

Enclosures

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