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January 10, 2011

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**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 on Green Alga (*Pseudokirchneriella Subcapitata*) with [REDACTED] (Substance A) and [REDACTED] (Substance B) and [REDACTED] (Substance C)

Dear Sir/Madam:

[REDACTED] is submitting results of a Toxicity Study on Green Alga (*Pseudokirchneriella Subcapitata*) with [REDACTED] (Substance A) and [REDACTED] (Substance B) and [REDACTED] (Substance C), conducted by [REDACTED] (NON-GLP Indicator Study). The substances are experimental pesticides.

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, 0.1, 1, 10, 100 µg/L and a control without solvent).

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

The test substances are TGAI's. Analyses were not carried out.

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The following effect concentrations were obtained based on nominal concentrations:

**Substance A (TGAI):**

Growth rates

**NOEC** = 10 µg/L

**E<sub>r</sub>C<sub>10</sub> (72 h)** = 29.3 µg/L

**E<sub>r</sub>C<sub>50</sub> (72 h)** = 220.8 µg/L

Yield

**NOEC** = 1.0 µg/L

**E<sub>y</sub>C<sub>10</sub> (72 h)** = 8.9 µg/L

**E<sub>y</sub>C<sub>50</sub> (72 h)** = 37.5 µg/L

**Substance B (TGAI):**

Growth rates

**E<sub>r</sub>C<sub>10</sub> (72 h)** = 0.17 µg/L

**E<sub>r</sub>C<sub>50</sub> (72 h)** = 15.7 µg/L

Yield

**E<sub>y</sub>C<sub>10</sub> (72 h)** = 0.40 µg/L

**E<sub>y</sub>C<sub>50</sub> (72 h)** = 3.24 µg/L

**Substance C (TGAI):**

Growth rates

**NOEC** = 1.0 µg/L

**E<sub>r</sub>C<sub>10</sub> (72 h)** = 7.6 µg/L

**E<sub>r</sub>C<sub>50</sub> (72 h)** = 112.3 µg/L

Yield

**NOEC** = 1.0 µg/L

**E<sub>y</sub>C<sub>10</sub> (72 h)** = 1.4 µg/L

**E<sub>y</sub>C<sub>50</sub> (72 h)** = 14.3 µg/L

Explanation:

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

The **EC<sub>50</sub>** is the concentration calculated at which the growth rate "R" resp. the yield "Y" is inhibited by 50%.

[ XXXXXXXXXX ] 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 identity and company identity as Confidential Business Information.

A Confidentiality Substantiation Questionnaire is being submitted for the substance.

Sincerely,