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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 TSCA Section 8(e): Results of an Acute Toxicity Study in Chironomus (*Chironomus riparius*) with [REDACTED]

(SUBSTANCE A) and [REDACTED]

(SUBSTANCE B) and [REDACTED]

(SUBSTANCE C) and [REDACTED]

(SUBSTANCE D)

Dear Sir/Madam:

[REDACTED] is submitting results of an Acute Toxicity Study in Chironomus (*Chironomus riparius*) with [REDACTED]

(SUBSTANCE A) and [REDACTED]

(SUBSTANCE B) and [REDACTED]

(SUBSTANCE C) and [REDACTED]

(SUBSTANCE D), conducted by [REDACTED]

[REDACTED] (NON-GLP Indicator Study). The substances are experimental pesticides.

The test was conducted in a static system) over 48 hours in line with the following test guidelines: "OECD Guideline for Testing of Chemicals, No. 235 (adopted July 28, 2011): *Chironomus sp.*, Acute Immobilisation Test)".

The following nominal concentrations were tested: 0, solvent control, 0.1, 0.5, 2.5, 12.5 µg a.i./L.

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



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The test substance is an active ingredient. Analyses were not carried out.

The following effect concentrations ( $\mu\text{g a.i./L}$ ) were obtained:

**(SUBSTANCE A):**

<b>NOEC</b>	<b>=</b>	<b>0.5 <math>\mu\text{g a.i./L}</math></b>
<b>EC<sub>50</sub> (48 h)</b>	<b>=</b>	<b>0.8 <math>\mu\text{g a.i./L}</math></b>

**(SUBSTANCE B):**

<b>NOEC</b>	<b>=</b>	<b>0.5 <math>\mu\text{g a.i./L}</math></b>
<b>EC<sub>50</sub> (48 h)</b>	<b>=</b>	<b>1.71 <math>\mu\text{g a.i./L}</math></b>

**(SUBSTANCE C):**

<b>NOEC</b>	<b>=</b>	<b>&lt;0.1 <math>\mu\text{g a.i./L}</math></b>
<b>EC<sub>50</sub> (48 h)</b>	<b>=</b>	<b>0.076 <math>\mu\text{g a.i./L}</math></b>

**(SUBSTANCE D):**

<b>NOEC</b>	<b>=</b>	<b>0.1 <math>\mu\text{g a.i./L}</math></b>
<b>EC<sub>50</sub> (48 h)</b>	<b>=</b>	<b>0.57 <math>\mu\text{g a.i./L}</math></b>

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 50% of the animals were immobile.

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[ ██████████ ] 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.

Sincerely,

Enclosures