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January 4, 2011

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DCN:88110000112s

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 an Acute Toxicity Study in Fish (Rainbow Trout) with a Mixture Containing Three Active Ingredients: (1) [REDACTED]

(2) [REDACTED]  
(3) [REDACTED]

Dear Sir/Madam:

[REDACTED] is submitting results of an Acute Toxicity Study in Fish (Rainbow Trout) with a Mixture Containing Three Active Ingredients: (1) [REDACTED]

(2) [REDACTED]  
(3) [REDACTED], conducted by [REDACTED]. The substance is a formulation.

**Material and methods**

Test item:	Batch: 84001, active ingredients: (1) 172.4 g/L (analyzed content); (2) 88.2 g/L (analyzed content), (3) 8.2 g/L (analyzed content)
Test species:	Rainbow trout ( <i>Oncorhynchus mykiss</i> Walb.), age: approximately five months, body weight: 2.80 g, body length: 6.94 cm, supplier: 'The Culture of Salmonidae Fish in Zawoja' (Hodowla Ryb Łososiowatych w Zawoi), Poland.
Test design:	Static system (96 hours), 35 L tanks, 10 fish per treatment (1 replicate), fish loading: 0.8 g/L.
Test concentration:	Control; 7.0; 3.18; 1.45; 0.66 and 0.30 mg/L of substance (nominal).
Test conditions:	Temperature 11.2 – 12.4°C, pH: 7.36 – 7.74 (control), oxygen saturation: 92 – 98% (control), photoperiod: 16 h light: 8 h darkness, no feeding, constant aeration.
Analytics:	The content of active ingredients (1), (2) and (3) were determined by high performance liquid chromatography with UV-VIS detection.
Statistics:	Probit analysis using linear max. likelihood regression, Fisher's Exact Binomial Test with Bonferroni Correction
Endpoints:	LC <sub>0</sub> , LC <sub>50</sub> , LC <sub>100</sub> .

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**Table 1. Acute toxicity of Substance for rainbow trout (*Oncorhynchus mykiss*) after 96 hours**

Nominal concentration of the test item [mg/L]	Control	0.30	0.66	1.45	3.18	7.0
Mortality [%]	0	0	0	100	100	100
Symptoms	none	none	none	--	--	--
<b>Endpoints [mg/L] (based on nominal concentrations of the test item)</b>						
LC <sub>50</sub>	0.98 (0.82 – 1.17)					
LC <sub>0</sub>	0.66					
LC <sub>100</sub>	1.45					
NOEC	0.66					

**Conclusion**

Median concentration causing 50% mortality of the fish population during 96 hours exposure time (LC<sub>50</sub>/96 h) is 0.98 mg/L of **substance** (nominal concentration). The LC<sub>0</sub>/96 h is 0.66 mg/L, the NOEC/96h is 0.66 mg/L and LC<sub>100</sub>/96 h is 1.45 mg/L.

[ 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 substances.

Sincerely,

Enclosures

Confidentiality Substantiation Questionnaire