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Sanitized Version

February 25, 2008



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EPA/CBIC
08 FEB 27 AM 6:03

Via Federal Express

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

Company Sanitized

Subject: Notice in Accordance with Section 8(e): Results of An Acute Toxicity Study in Rainbow Trout (*Oncorhynchus mykiss*) with Quinone

Dear Sir/Madam:

BASF Corporation is submitting results of an acute toxicity study with Quinone in rainbow trout (*Oncorhynchus mykiss*), conducted on behalf of BASF SE, Ludwigshafen, Germany. Although BASF Corporation does not feel that the information presents a substantial risk to health or environment or an unexpected result, it is being submitted under Section 8(e) of TSCA.

The test was conducted in a flow through system over 96 hours according to the following test guidelines: EPA, Para. 72-1, 1982, 92/69/EEC, Appendix V, C1, OECD 203. The following nominal concentrations were tested: 0, 0.020, 0.031, 0.049, 0.077 and 0.120mg/l.

In a 96 hours static acute toxicity, approximately two month old rainbow trout (body weight: 1.14 g (0.71 g – 1.56 g), body length: 5.02 cm (4.6 cm – 5.8 cm)) were exposed to the substance in groups of ten animals in 35 l glass aquaria.

The active substance is not stable in water and degrades very rapidly. Analytical confirmation of active substance concentration showed recoveries between 89.23 % and 101.59 % of nominal at test initiation. Most of the compound degraded within 24 hours and no active substance could be detected by the end of the test. The analytical data confirmed the correct application of the test item; therefore, the biological results are based on nominal test concentrations.



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Acute toxicity of substance for rainbow trout (*Oncorhynchus mykiss*) after 96 hours

Concentration (mg/l) nominal	Control	0.020	0.031	0.049	0.077	0.120
Mortality (%)	0	0	0	20	90	100
Symptoms	None	None	None	None	None	nd
Endpoints (mg/l) nominal						
LC 50 / 96 H	0.059					
NOEC	0.031					

Explanation:

LC50 = median lethal concentration

NOEC = no observed effect concentration

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 Quinone.

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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