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DOCUMENT DESCRIPTION	DOCUMENT CONTROL NUMBER	DATE RECEIVED
8EHQ-10-18067	88100000392	8/12/10

COMMENTS:

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August 10, 2010



10 AUG 12 AM 11:54

329194

Via Federal Express

8EHQ-0810-18067A
DCN:88100000392

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 Water
Flea with Amine O (CAS No. 95-38-5)

Dear Sir/Madam:

BASF Corporation is submitting results of an Acute Toxicity Test with Amine O (CAS No. 95-38-5) in water flea (*Daphnia magna* STRAUS), conducted by BASF SE, Ludwigshafen, Germany. The compound is a lubricant additive.

The test was conducted in a static renewal system (24h period) over 48 hours according to the following test guidelines: Commission Regulation (EC) No. 440/2008, Appendix V, C2; OECD 202.

The following nominal concentrations were tested: 0, 0.046, 0.10, 0.22, 0.46, 1.00 mg/L.

All test solutions were visibly clear over the entire exposure period. In fresh test solutions the initial measured concentrations ranged from 92.2 – 118.0% of nominal. After 24-h the measured concentrations decreased to 20 – 73% of the initial measured concentrations. The toxicity results should be based on mean measured concentrations.

The following effect concentration (mg/L) were obtained:

Point estimate (immobilization)	Observation time (hours after start of exposure)	
	24 hours	48 hours
EC50 (nominal concentrations) (95% confidence limits)	0.507	0.246
EC50 (mean measured concentrations) (95% confidence limits)	0.367	0.163

Explanation:

EC50 = concentration at which 50% of the animals were immobile.

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

If you have any questions, please call Janet Cerra at (973) 245-6693.

Sincerely,

Janet Cerra

Janet Cerra
Product Regulatory Center of Expertise
North America

1097th Letter.doc

From: Origin ID: LKKA (973) 245-6693
Janet Cerra
BASF
100 Campus Drive

Florham Park, NJ 07932



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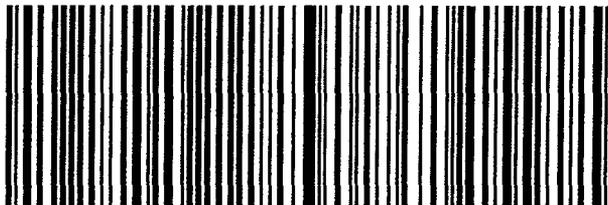
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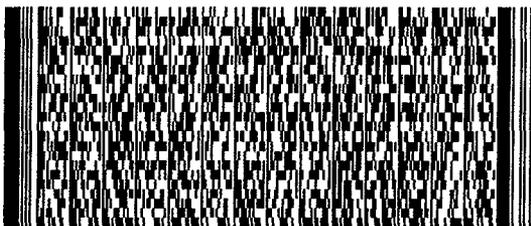
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