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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 Chronic Toxicity Study in the Water Flea (*Daphnia magna*) with 2-(2H-benzotriazol-2-yl)-4-methylphenol (CAS No. 2440-22-4), (EC 219-470-5)

Dear Section 8(e) Coordinator:

BASF Corporation is submitting, on behalf of Consortium members¹, results of a Chronic Toxicity Study in the Water Flea (*Daphnia magna*) with LISAO Substance #12; 2-(2H-benzotriazol-2-yl)-4-methylphenol (CAS No. 2440-22-4), (EC 219-470-5), conducted by BASF SE, Ludwigshafen, Germany. The substance is an ultra-violet light stabilizer.

The test was conducted as a continuous exposure with semi-static renewal over 21 days according to the following test guidelines: Commission Regulation (EC) No. 440/2008, Appendix V, C20; OECD 211.

The following nominal concentrations were tested: 0 (control), 0 (solvent control) 0.001, 0.004, 0.013, 0.041, 0.130 mg/L. All test solutions were visibly clear over the entire exposure period. The analytically measured concentrations of the test item in the test water corresponded to the following time-weighted mean measured concentrations: 0 (control), 0 (solvent control), 0.0007, 0.0025, 0.0083, 0.0216, and 0.120 mg/L.

At the end of exposure, all daphnia were immobilized at the 0.0216 and 0.120 mg/L treatment levels and 10% immobilized at the 0.0083 mg/L treatment level. The 21-day EC50 = 0.010 mg/L.



¹ Chemical Registration Services, LSR Associates Ltd., Everspring Chemical Co., Ltd., Chemservice S.A., Chemtura Corp., Songwon Industrial Co., Ltd., 3V Sigma S.p.A

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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 contact the undersigned at (973) 245-6693.

Sincerely,

Janet Cerra

Janet Cerra
Product Regulatory Center of Expertise
North America

/

1250th Letter.doc

From: (973) 245-6693
Janet Cerra
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Origin ID LKKA



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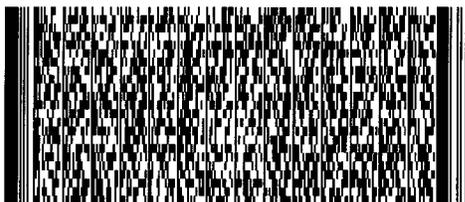
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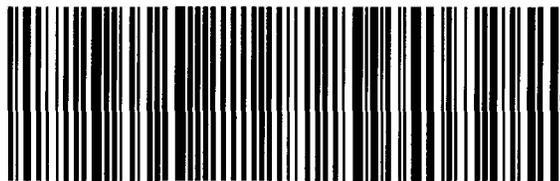
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