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The Chemical Company

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June 14, 2010

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8EHQ-0610-17999A

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 Unicellular Algae (*Desmodesmus subspicatus* CHODAT) with 2-[(2-Heptadec-8-enyl)-4,5-dihydro-imidazol-1-yl]-ethanol (CAS No. 95-38-5)

Dear Sir/Madam:

BASF Corporation is submitting results of an Acute Toxicity Study in Unicellular Algae (*Desmodesmus subspicatus* CHODAT) with 2-[(2-Heptadec-8-enyl)-4,5-dihydro-imidazol-1-yl]-ethanol (CAS No. 95-38-5), conducted by BASF SE, Ludwigshafen, Germany. The compound is a lubricant additive.

The test was conducted in a static system over 72 hours according to the following test guidelines: Commission Regulation (EC) No. 440/2008, Appendix V, C3; OECD 201.

The following nominal concentrations were tested: 0 (control), 0.0046, 0.010, 0.022, 0.046, and 0.10 mg/L.

All test solutions were visibly clear over the entire exposure period. Concentrations of the test substance in the test water were analyzed. All concentrations were within  $\pm 20\%$  of the mean measured concentration. The mean measured concentrations ranged from 73 - 110% of the nominal concentration.

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

Point estimate (growth rate)	Observation time 72 hours
E <sub>r</sub> C <sub>50</sub> (mean measured concentrations) (95% confidence limits)	0.030 mg/L



DCN: 88100000328

**Explanation:**

E<sub>r</sub>C<sub>50</sub> = the concentration causing 50% inhibition of growth rate.

BASF Corporation  
100 Campus Drive  
Florham Park, NJ 07932  
Tel: (800) 526-1072  
[www.basf.com/usa](http://www.basf.com/usa)

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The Chemical Company

United States Environmental Protection Agency – East

June 14, 2010

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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

/jc

1079th Letter.doc

From: Origin ID: LKKA (973) 245-6693  
 Janet Cerra  
 BASF  
 100 Campus Drive  
 Florham Park, NJ 07932



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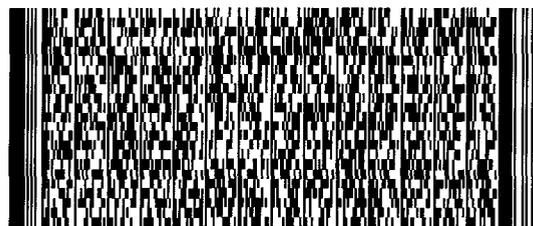
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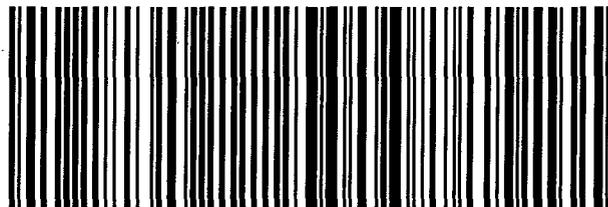
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