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INITIAL SUBMISSION: LTR FR BASF TO USEPA W/BRIEF SUMMRY OF THE RESULTS OF A MOUSE MICRONUCLEUS TEST WITH CORIAL HARDNER AZ DATED 122601		
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BASF Corporation

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Attention: 8(e) Coordinator
Office of Pollution Prevention and Toxic Substances
U. S. Environmental Protection Agency
1200 Pennsylvania Avenue, NW
Washington, DC 20460

Ladies and Gentlemen:

Subject: Results of mouse micronucleus test with Corial Hardner AZ conducted by BASF Aktiengesellschaft, Ludwigshafen, Germany

Corial Hardner AZ was investigated for its potential for micronucleus induction in mouse bone marrow cells after oral administration. For each harvest time, 5 male mice per group were dosed. The concentrations ranged from 50-200 mg/kg bw. The study was performed according to OECD 474.

The following is a summary of the most relevant results:

The number of micronucleated PCE (polychromatic erythrocytes) showed slight, but statistically significant, increases over controls at doses of 100 mg/kg bw and higher at the 24-hour harvest. At the 48-hour harvest, no increase in micronuclei was observed.

Although these findings occurred only at high dose levels, which are far above any expected human exposure, BASF Corporation understands that the reporting of the study results is in accordance with EPA's policy. Results from this study will be included on the appropriate Material Safety Data Sheets.

Very truly yours,

BASF Corporation

Edward J. Kerfoot

Edward J. Kerfoot, Ph.D.
Director, Toxicology and Product Regulations

8EHQ-02-15086

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