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8EHQ-1298-14347

December 23, 1998

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Attention: (8e) Coordinator
Office of Pollution Prevention and Toxics
U.S. Environmental Protection Agency
401 M Street, SW
Washington, DC 20460

Contains No CBI

Ladies and Gentlemen:

Subject: Notice in Accordance to TSCA Section 8(e) - Results of an acute inhalation study in rats with Kollicoat™ MAE 30 D.

BASF Corporation is the results of an acute inhalation study in rats with Kollicoat MAE 30 D, an aqueous mixture containing approximately 30% 2-methyl-2-propenoic acid, polymer with ethyl 2-propenoate (CAS No. 25212-88-8), conducted by BASF Aktiengesellschaft, Ludwigshafen, Germany.

For determination of the acute inhalation toxicity (single, 4-hour exposure) of the test substance as a liquid aerosol, a study in male and female Wistar rats was performed according to OECD Guideline method 403, as well as EEC and EPA guidelines.

The following concentrations of respirable aerosols (MMAD 0.4 - 0.8 µm) were tested: 0.50, 1.03 and 5.1 mg/l. No mortality occurred at 0.50 mg/l. Two of five females and 3 of 5 males, as well as all animals died at 1.03 or 5.1 mg/l, respectively. The lethality in the mid concentration group occurred on days 3 and 4. The LC₍₅₀₎ for male and female animals was estimated to be about 1.03 mg/l. The main symptom was a considerable inflammation of the respiratory tract.

Although BASF Corporation does not feel that this information presents a substantial risk to health or environment, it is being submitted under Section 8(e) of TSCA. Any reports or additional information that we receive will be forwarded to the Agency and Material Safety Data Sheets will be updated with this preliminary information.

If you have any questions, please feel free to call me at (734) 324-6207.

Very Truly Yours,

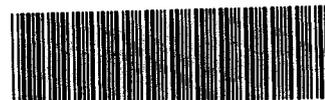
BASF Corporation

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



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