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June 18, 2012



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 Repeated-Dose, Range-Finding Study in Wistar Rats with 2-Propenamamide, N,N-dimethyl-, CAS No. (2680-03-7)

Dear Section 8(e) Coordinator:

BASF Corporation is submitting results of a Repeated-Dose, Range-Finding Study in Wistar Rats [CrI:WI(HAN)] with 2-Propenamamide, N,N-dimethyl-, CAS No. (2680-03-7), conducted by BASF SE, Ludwigshafen, Germany. The test substance is a monomer.

The aim of this study was to obtain initial information on the effect of the test substance after repeated oral administration by gavage to male and female Wistar rats before the beginning of subsequent toxicity studies.

The test substance was administered to groups of 4 male and 4 female Wistar rats by gavage for 2 to 14 days. The nominal dose levels were 0, 50 and 200 mg/kg body weight/day (mg/kg bw/d). All animals were sacrificed at the end of the administration period with the exception of animals, which received 200 mg/kg bw/d. These animals had to be sacrificed in a moribund condition on study day 2 and gross necropsy was performed only. Clinical chemistry and hematology parameters as well as organ weights were only determined for animals which received 0 and 50 mg/kg bw/d.

The following is a summary of the most relevant results:

200 mg/kg bw/d (treatment from study day 0 to 2):

- Poor general condition in all animals
- Hypothermia in all animals
- Piloerection in all animals
- Hyperexcitability observed for all animals
- Unsteady gait in all male and 3 female animals
- Tonic convulsions in all animals



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- Closed eyelid observed for all animals
- Hunched posture in all animals
- Salivation after treatment in 1 male and 1 female animals
- Body weight loss in all animals
- Erosion/ulceration in forestomach observed in 1 male animal
- Foci in forestomach observed in all male and 1 female animals
- Sacrificed moribund ahead of schedule on study day 2

50 mg/kg bw/d (treatment of 14 days)

The clinical findings occurred during the first 4 days only. The animals recovered although treatment was continued.

- Poor general condition in all animals
- Piloerection in all animals
- Unsteady gait in all male and female animals
- Closed eyelid observed for all animals
- Hunched posture in all animals
- Body weight loss in all animals during the first days of treatment, body weight gain from study day 3 onwards
- Reduced terminal body weight in male (-9%) and female (-14%) animals
- Reduced prothrombine time in male animals
- Increased cholesterol values in male animals

The clinical findings occurred during the first 4 days only. The animals recovered although treatment was continued.

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

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From: (973) 245-6693
Janet Cerra
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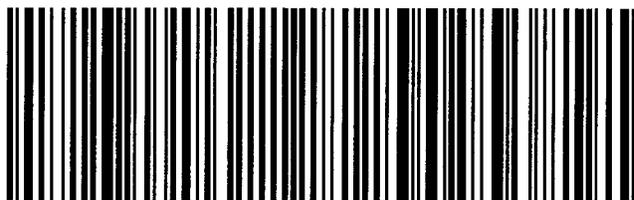
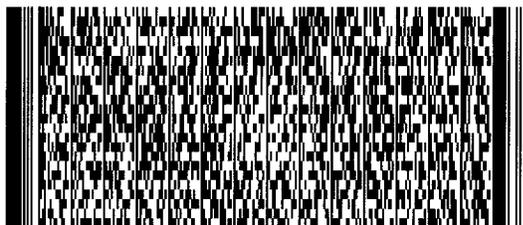
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