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Arkema Inc.
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March 9, 2009

TSCA Document Control Officer (7407M)
EPA East – Room 6428 Attn: Section 8(e)
Office of Pollution Prevention and Toxics
U.S. Environmental Protection Agency
1201 Constitution Ave., NW
Washington, DC 20004-3302



Subject: TSCA 8(e) Submission

Dear Sir/Madam:

Arkema Inc. is making this submission to the U.S. Environmental Protection Agency (EPA) pursuant to Toxic Substances Control Act (TSCA) Section 8(e). The submission provides information from animal inhalation studies conducted with a halogenated alkene [] and does not involve effects in humans.

This letter contains information that is considered confidential business information of Arkema Inc. All confidential information is enclosed in brackets []. A sanitized copy of this letter is enclosed.

Arkema Inc. is reporting signs indicative of neurological effects noted in animal inhalation studies conducted with [] ASSESSMENT OF ACUTE CARDIAC SENSITIZATION IN BEAGLE DOGS indicates that severe tremors were exhibited by a single beagle dog within the first minute of exposure to 50,000 ppm. This exposure was terminated immediately and the animal recovered completely. No other animals were exposed at this concentration. At lower concentrations, 12,500 and 25,000 ppm, observations were limited to single animals, were not noted in a dose-related manner and/or were common findings for laboratory dogs of this age and breed.

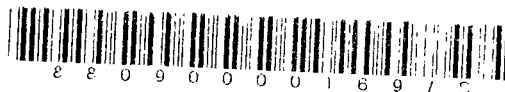
An acute rat 4-hour inhalation toxicity study was also conducted. Verbal results from the study director indicated tremors, tail twitching and muscle spasms were noted in the rats during the exposure period at airborne concentrations of 50,000 and 100,000 ppm by volume. The signs ceased when the exposure was terminated and all the behavior of the animals then appeared normal.

Results from the studies will be incorporated into the Arkema Inc. Material Safety Data Sheet for the material.

Questions regarding this submission may be directed to me at 215-419-5890 or via e-mail at debra.randall@arkema.com.

Sincerely,

Debra Randall, DABT
Manager, Product Safety



Company Sanitized

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