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October 9, 1997

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401 M Street, S.W.
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8EHQ-96-13826
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SUBJECT: TSCA 8(e) SUBMISSION

Dear Sir or Madam,

is submitting certain data which we believe to be reportable under TSCA 8(e). The information concerns technical grade, an experimental pyrethroid insecticide identified as:

which has imported for R&D testing purposes for . By letters of April 4, 1995, November 21, 1996, September 16, 1997, and October 9, 1997, previously submitted TSCA 8(e) information on this compound.

Inhalation Screening Study with Rats

has recently completed an acute inhalation screening study with rats using whole body exposure. SD rats were exposed to a mist aerosol of in corn oil for a single 4-hour period at exposure levels of 525 and 1765 mg/m³. Rats exposed to the lower concentration experienced hypersensitivity and tremors, hair loss, staining around the eyes and nose and fur, but there were no deaths. Rats exposed to the higher concentration exhibited all of these symptoms but also showed decreased motor activity, urinary staining and tip toe gait. One female rat from the high exposure group died on the first day. The LC₅₀ was determined to be greater than 1765 mg/m³.

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There is currently no potential for exposure to this chemical outside the laboratory as it has only been screened as a possible new pyrethroid for development in the U.S. Further, has recently decided that, in view of these and other toxicological findings, development of will be discontinued. Accordingly is recalling all R&D samples of this chemical. Thus there will be no opportunity for exposure to in the U.S. in the future.

If there are any questions on this submission please feel free to contact me at .

Yours sincerely,

Encl.

cc: