

8EHQ-99-14617 8EHQ-1299-146175  
88000000575  
SANITIZED

December 15, 1999

Document Processing Center (TS-790)  
Attention: Section 8(e) Coordinator  
Office of Pollution Prevention and Toxics  
U.S. Environmental Protection Agency  
401 M Street, SW  
Washington, DC 20460

Company Sanitized

1999 DEC 17 AM 7:30  
RECEIVED  
OPPT OPIE

Dear Coordinator:

Rohm and Haas Company submits this notice in accordance with Section 8(e) of the Toxic Substances Control Act.

This letter transmits preliminary results of a acute toxicity test indicating neurotoxic effects to male and female rats for [ ]

Three groups of six male and six female rats received a single 4 hour nose-only exposure to a vapor of [ ] at 312, 898 or 1677 ppm.

Clinical signs indicative of neurotoxicity (i.e., ataxia, fasciculations, prostration, salivation, lacrimation, tremors, abnormal gait, sensitivity to touch, and/or dragging/splayed hind limbs) were observed among survivors and decedents at 898 ppm (5 of 6 males; 6 of 6 females) and 1677 ppm (6 of 6 males; 6 of 6 females). These signs were noted beginning removal from the chamber and continued through day 12. No clinical signs of neurotoxicity were noted at 312 ppm in either sex.

Dose related mortality occurred in this study (0/6 males and 0/6 females at 312 ppm; 4/6 males and 2/6 females at 898 ppm; and 5/6 males and 6/6 females at 1677 ppm). All deaths occurred by day 7 post-exposure.

Rohm and Haas has produced only small quantities of this substance for research and development purposes. Only a limited number of highly trained personnel have been involved in the synthesis and testing of this substance. Appropriate safety procedures have been employed to preclude any exposure to new pesticidal candidates whose toxicological properties have not been fully defined. These employees have been advised of the results of these studies.

Because of the very low potential for exposure within Rohm and Haas Company and the very low probability of this substance is in commerce elsewhere in the United States, Rohm and Haas company does not believe this exploratory chemical poses any substantial risk to health and the environment.

00 JAN 12 PM 1:48  
RECEIVED  
OPPT NCIC

SANITIZED

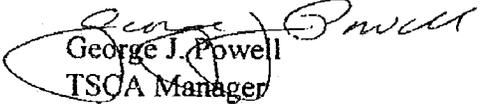
U.S. Environmental Protection Agency  
Office of Pollution Prevention and Toxics

Rohm and Haas Company considers the exact identity of this chemical and its Rohm and Haas experimental designation number to be Confidential Business Information (CBI), and thus have enclosed with this letter a sanitized version for the public record with confidential information deleted. We have also included, as Attachment II, substantiation supporting our CBI claims as required.

Rohm and Haas Company proposes the name "alkynyl chloride" as a generic, non-confidential chemical name to describe the chemical discussed in this notice.

If you have any questions concerning this submittal, my telephone number is (215) 592-2986.

Sincerely,

  
George J. Powell  
TSCA Manager

EHS Shared Services Department

Company Sanitized

SANITIZED

ATTACHMENT I

Structural Diagram for [ \_\_\_\_\_ ]

Generic name: alkynyl chloride

Company Sanitized

**CERTIFICATE OF AUTHENTICITY**

THIS IS TO CERTIFY that the microimages appearing on this microfiche are accurate and complete reproductions of the records of U.S. Environmental Protection Agency documents as delivered in the regular course of business for microfilming.

Data produced 10 18 00 Mary J. Schubert  
(Month) (Day) (Year) Camera Operator

Place Syracuse New York  
(City) (State)



**END**