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<b>Submitting Organization</b>			
CONFIDENTIAL			
<b>Contractor</b>			
<b>Document Title</b>			
INITIAL SUBMISSION: LTR FR [ ] TO USEPA RE PRELIM RESULTS IN EYE IRRITATION STUDY OF A MIXT OF 1,2-BENZOTHIAZOLIN-3(2H)-ONE & 2-BROMO-2-NITRO-* IN RABBITS, DATED 1/08/01 (SANITIZED)			
<b>Chemical Category</b>			
MIXT OF 1,2-BENZOTHIAZOLIN-3(2H)-ONE & 2-BROMO-2-NITRO-1,3-*			

A 03

8EHQ-0101-14848s

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OPPT CBIC

SANITIZED

January 8, 2001

SANITIZED

2001 JAN 10 AM 7:03

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2001 JAN 17 AM 8:30

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

COMPANY SANITIZED

Dear Coordinator:

[ ] submits this notice in accordance with Section 8(e) of the Toxic Substances Control Act.

This letter transmits preliminary results of a eye irritation study of a mixture of 1,2-benzothiazolin-3(2H)-one, CAS # 2634-33-5, and 2-bromo-2-nitro-1,3-propanediol, CAS # 52-51-7, in male New Zealand White Rabbits.

The test substance was applied (as received, 0.1 ml.) into the conjunctival sac of the left eye of each rabbit. Eye irritation was evaluated according to the criteria of Draize et al at approximately 1, 24, 48, 72 hours and 7 and 14 days. Corneal, irrdal and conjunctival effects were evident in all rabbits beginning at 1 hour post-dosing and continued through day 14. On day 14, ocular effects considered irreversible (i.e., whitening of nicitating membrane, irregular shaped eye, presence of corneal and/or circumcorneal blood vessels, and loss of irrdal function) were still evident in all rabbits.

The mixture of 1,2-benzothiazolin-3(2H)-one and 2-bromo-2-nitro-1,3-propanediol is a [ ] experimental chemical. A diagram of each chemical structure is included in Attachment I.

[ ] 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.

[ ] does not consider the exact identity of this chemical mixture to be Confidential Business Information (CBI). We do assert the company name as thus have enclosed with this letter a sanitized version for the public record with confidential information deleted.

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SANITIZED

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

If you have any questions concerning this submittal, my telephone number is [ ]

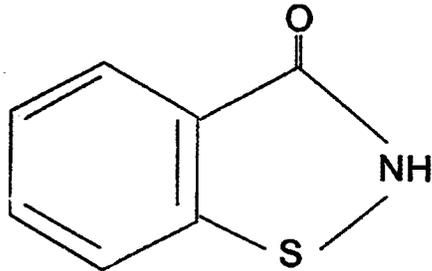
Sincerely,

[ ]  
[ ]  
[ ]

A 05:

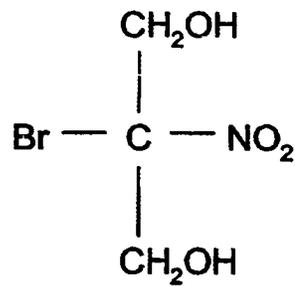
ATTACHMENT I

Structural Diagram for 1,2-benzothiazolin-3(2H)-one



CAS# = 2634-33-5

Structural Diagram for 2-bromo-2-nitro-1,3-propanediol



CAS# = 52-51-7