



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

JULY 7 1992

OFFICE OF  
PESTICIDES AND TOXIC  
SUBSTANCES

MEMORANDUM

DP Barcode: D178154, D176408  
EFGWB # : 098901 92-0848

SUBJECT: List C Phase IV Response  
Benzisothiazoline-3-one (Chemical #098901)

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The only EFGWB data requirement for Benzisothiazoline-3-one, a Microbiocide, is Hydrolysis since all of its Aquatic Non-Food Industrial uses (Pulp/Paper Mill Water Systems and Recovery Drilling Muds/Packer Fluids) are covered by NPDES license restrictions and, therefore, are monitored by the Office of Water. According to the EFGWB Branch Policy, all Aquatic Non-Food Industrial use chemicals which have NPDES license restrictions require only Hydrolysis to satisfy the EFGWB data requirements.

In the Phase III response the registrant, ICI Americas Inc., submitted a number of studies to support the registration of the Benzisothiazoline-3-one. These include:

161-1 Hydrolysis  
(MRID 41199101, 93053011)

1/2



Printed on Recycled Paper

162-1 Aerobic Soil Metabolism  
(MRID 41199102, 41199103, 93053012)

163-1 Leaching/Adsorption/Desorption  
(MRID 41687102)

The study on Hydrolysis has passed the preliminary screening and is in review. EFGWB will notify the Product Manager if any deficiencies are identified in the course of reviewing this study.

All of the remaining studies are not required for Aquatic Non-Food Industrial use pattern and, therefore, are not reviewed at the present time; however, if the registrant decides to pursue the registration of this chemical for other uses, these studies could be resubmitted for review.