BASF Corporation

BASF

SANITIZED

8EHQ-0496-13632s

Certified Mail
Return Receipt Requested

April 22, 1996

Company Sanitized

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

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Ladies and Gentlemen:

Subject: Notice in Accordance to TSCA Section 8(e) - Acute Aquatic Toxicity Study of EXP 336 081 I - Substituted Benzylether

BASF Corporation is submitting the results of acute aquatic toxicity testing of EXP 336 081 I in zebra fish (Brachydanio rerio). This information was recently received from BASF Aktiengesellschaft, Ludwigshafen, Germany, the sponsor of the study. Although BASF Corporation does not feel that this information presents a substantial risk to health or environment, it is being submitted under Section 8(e) of TSCA.

The chemical identity of this developmental insecticide is "substituted benzylether". Small shipments totaling approximately 2 g active ingredient have been shipped since February 1996.

The attached study summary indicates that the 96 hour $LC_{(50)}$ to zebra fish is 0.001 - 0.01 mg/l.

All persons handling or testing this experimental product will be notified of these preliminary results via an updated Material Safety Data Sheet. Any reports or additional information that we receive will be forwarded to the Agency.

If you have any questions, please feel free to call me at (313) 246-6207.

8EHQ-96-13632

88960000112s

Very Truly Yours,

BASF Corporation

Edward J. Kerfoot

Edward J. Kerfoot, Ph.D.
Director, Toxicology and Product Regulations

RECEIVED
OPPT NCIC
96 MAY -6 AM 8:54

/Attachment

RECEIVED
5-23-96

1609 Biddle Avenue, Wyandotte, Michigan 48192 (313) 246-6100

Triage of 8(e) Submissions

Date sent to triage:_____ NON-CAP CAP

Submission number: 13632 A TSCA Inventory: Y N D

Study type (circle appropriate):

Group 1 - Gordon Cash (1 copy total)

ECO AQUATO

Group 2 - Ernie Falke (1 copy total)

ATOX SBTOX SEN w/NEUR

Group 3 -HERD (1 copy each)

STOX	CTOX	EPI	RTOX	GTOX
STOX/ONCO	CTOX/ONCO	IMMUNO	CYTO	NEUR

Other (FATE, EXPO, MET, etc.):_____

Notes:

- [x] This is the **original** 8(e) submission; refile after triage evaluation.
- [ ] This **original** submission has been **split**; rejoin after triage evaluation.
- [ ] Other:

Photocopies Needed for Triage Evaluation

entire document: 0 1 2 3

front section and CECATS: 0 1 2 3

Initials:_____ **Date:**_____

CECATS\TRIAGE TRACKING DBASE ENTRY FORM

CECATS DATA:
Submission # 8EHQ- 0496-13632(S) SEQ. A

TYPE: (INT) SUPP FLWP

SUBMITTER NAME: BASF CORPORATION

INFORMATION REQUESTED: FLWP DATE:
0501 NO INFO REQUESTED
0502 INFO REQUESTED (TECH)
0503 INFO REQUESTED (VOL ACTIONS)
0504 INFO REQUESTED (REPORTING RATIONALE)

DISPOSITION:
0639 REFER TO CHEMICAL SCREENING
0678 CAP NOTICE

VOLUNTARY ACTIONS:
0401 NO ACTION REPORTED
0402 STUDIES PLANNED/UNDERWAY
0403 NOTIFICATION OF WORKERS/USERS
0404 LABEL/MSDS CHANGES
0405 PROCESS/HANDLING CHANGES
0406 APP/USE DISCONTINUED
0407 PRODUCTION DISCONTINUED
0408 CONFIDENTIAL

SUB. DATE: 04/22/96 OTS DATE: 05/06/96 CSRAD DATE: 05/23/96

CHEMICAL NAME: BENZYLETHER, SUBSTITUTED

CAS# CONFIDENT

INFORMATION TYPE:		P F C	INFORMATION TYPE:		P F C	INFORMATION TYPE:		P F C
0201	ONCO (HUMAN)	01 02 04	0216	EPI/CLIN	01 02 04	0241	IMMUNO (ANIMAL)	01 02 04
0202	ONCO (ANIMAL)	01 02 04	0217	HUMAN EXPOS (PROD CONTAM)	01 02 04	0242	IMMUNO (HUMAN)	01 02 04
0203	CELL TRANS (IN VITRO)	01 02 04	0218	HUMAN EXPOS (ACCIDENTAL)	01 02 04	0243	CHEM/PHYS PROP	01 02 04
0204	MUTA (IN VITRO)	01 02 04	0219	HUMAN EXPOS (MONITORING)	01 02 04	0244	CLASTO (IN VITRO)	01 02 04
0205	MUTA (IN VIVO)	01 02 04	0220	ECO/AQUA TOX	01 02 04	0245	CLASTO (ANIMAL)	01 02 04
0206	REPRO/TERATO (HUMAN)	01 02 04	0221	ENV. OCCC/REL/FATE	01 02 04	0246	CLASTO (HUMAN)	01 02 04
0207	REPRO/TERATO (ANIMAL)	01 02 04	0222	EMER INCI OF ENV CONTAM	01 02 04	0247	DNA DAM/REPAIR	01 02 04
0208	NEURO (HUMAN)	01 02 04	0223	RESPONSE REQEST DELAY	01 02 04	0248	PROD/USE/PROC	01 02 04
0209	NEURO (ANIMAL)	01 02 04	0224	PROD/COMP/CHEM ID	01 02 04	0251	MSDS	01 02 04
0210	ACUTE TOX. (HUMAN)	01 02 04	0225	REPORTING RATIONALE	01 02 04	0299	OTHER	01 02 04
0211	CHR. TOX. (HUMAN)	01 02 04	0226	CONFIDENTIAL	01 02 04			
0212	ACUTE TOX. (ANIMAL)	01 02 04	0227	ALLERG (HUMAN)	01 02 04			
0213	SUB ACUTE TOX (ANIMAL)	01 02 04	0228	ALLERG (ANIMAL)	01 02 04			
0214	SUB CHRONIC TOX (ANIMAL)	01 02 04	0239	METAB/PHARMACO (ANIMAL)	01 02 04			
0215	CHRONIC TOX (ANIMAL)	01 02 04	0240	METAB/PHARMACO (HUMAN)	01 02 04			

TRIAGE DATA:	NON-CBI INVENTORY	ONGOING REVIEW	SPECIES	TOXICOLOGICAL CONCERN:	USE:	PRODUCTION:
	YES	YES (DROP/REFER)	FISH	LOW	R&D insecticide	
CAS SR	NO	NO (CONTINUE)		MED		
	(IN TRANSIT)	REFER		HIGH		

COMMENTS

Tox Concern

ID
13632A

AQUATO

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COMMENT
AQUATIC TOXICITY TO THE ZEBRA FISH, BRACHYDANIO RERIO IS OF HIGH CONCERN WITH A 95 HOUR LC50 OF 0.001-0.01 MG/L.