CYANAMID

Contains No CBI

8EHQ-0893-12004

American Cyanamid Company
One Cyanamid Plaza
Wayne, NJ 07470

H. Michael D. Utidjian, M.D.
Corporate Medical Director

August 18, 1993

Document Processing Center (TS-790)
Office of Toxic Substances
U.S. Environmental Protection Agency
401 M Street S.W.
Washington, DC 20460

A

Attention: Section 8(e) Coordinator

Dear Sir/Madam:

The purpose of this letter is to inform you, under TSCA Section 8(e), of the results of a microbial mutagenicity study and an eye irritation study communicated to us on August 6, 1993 and August 12, 1993 respectively. The studies were conducted with CL 229,201 a process raw material, a substituted hydrazid tertiary-butylhydrazine hydrochloride (TBHH) also identified as CL 229,201.

Compound Structure

$$(CH_3)_3C—NH—NH_2 \cdot HCl$$

1. Microbial Mutagenicity (Study 93-01-021)

A mutagenic response was reached in the microbial mutagenicity assay in E. coli strain WP2 uvrA-(up to 7.1 times the spontaneous reversion frequency).

2. Eye Irritation Screening Study In Rabbits (Study 93-68)

Two white albino rabbits were dosed with 100mg/eye of the test material. Mortality was observed at the 24 hour observation period in 1/2 animals.

We are currently evaluating the significance of these results. This material is a process raw material intended as a turf insecticide.

If further information is required in the interim, please contact K.A. Traul, Ph.D. at 609-799-0400 ext. 2701.

Sincerely,

K.A. Traul for HMDU NR

H. Michael D. Utidjian,M.D.
Corporate Medical Director

RECEIVED 9-8-93

8EHQ-93-12004
INIT 08/18/93

88930000400

CECATS\TRIAGE TRACKING DBASE ENTRY FORM

CECATS DATA:
Submission # 8EHQ- 0893-12004 SEQ. A

TYPE: INT SUPP FLWP

SUBMITTER NAME: AMERICAN CYANAMID COMPANY

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 WORKER/OTHERS
0404 LABEL/MSDS CHANGES
0405 PROCESS/HANDLING CHANGES
0406 APP./USE DISCONTINUED
0407 PRODUCTION DISCONTINUED
0408 CONFIDENTIAL

SUB. DATE: 08/18/93 OTS DATE: 08/24/93 CSRAD DATE: 09/08/93

CHEMICAL NAME:	CAS #
~~TERTIARY BUTYLHYDRAZINE, HYDROCHLORIDE~~	~~UNKNOWN~~
HYDRAZINE, TERTIARY-BUTYL-, HYDROCHLORIDE	UNKNOWN

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:
	YES (CONTINUE)	YES (DROP/REFER)	IN VITRO RBT	LOW
	NO (DROP)	NO (CONTINUE)		MED
	DETERMINE	REFER:		HIGH

USE: Process raw material intended as a turf insecticide

PRODUCTION:

COMMENTS: