BIO-CIDE INTERNATIONAL INCORPORATED

BIO-CIDE International, Inc.

8EHQ-0594-13030

ORIGINAL

Contains No CBI

Via Certified Mail

8EHQ-94-13030
INIT 05/17/94

RECEIVED OPPT CBIC 94 MAY 17 PM 3:05

May 11, 1994

88940000272

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, D.C. 20460

Re: Submission of Preliminary Information on Sodium Chlorite

TSCA Section 8(e) Coordinator:

As required by TSCA section 8(e), we are submitting preliminary information to the EPA regarding the results of an aquatic toxicity study on sodium chlorite (CAS #7758-19-2).

In a recent study conducted by a contract laboratory (ESE, Gainsville, FL), the 96-Hour LC_{50} of sodium chlorite to mysid shrimp was determined to be approximately 0.7 mg/L. While this result is not indicative of any potential environmental hazard or environmental release and does not imply any substantial risk of an adverse human health effect, we believe this result is reportable under section 8(e).

Sincerely,
BIO-CIDE INTERNATIONAL, INC.

James P. Ringo

James P. Ringo
Vice President
Technical Operations
JPR/nar

RECEIVED 6/16/94

2845 Broce Drive • P.O. Box 722170 • Norman, Oklahoma U.S.A. 73070 8644 • (405) 329-5556 • FAX: (405) 329-2681

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

OFFICE OF
PESTICIDES AND TOXIC
SUBSTANCES

James P. Ringo
Vice President, Technical Operations
BIO-CIDE International, Inc.
2845 Broce Drive
P.O. Box 722170
Norman, Oklahoma 73070-8644

AUG 16 1994

EPA acknowledges the receipt of information submitted by your organization on a "For Your Information" (FYI) voluntary basis. For your reference, copies of the first page(s) of your submission(s) are enclosed and display the TSCA FYI Document Control Number (e.g., FYI-00-0000) assigned by EPA to your submission(s). Please cite this number when submitting follow-up or supplemental information and refer to the reverse side of this page for "EPA Information Requests".

All FYI submissions are placed in the public files unless confidentiality is claimed according to the same procedures as outlined in Part X of EPA's TSCA §8(e) policy statement (43 FR 11110, March 16, 1978). The enclosure "Support Information for Confidentiality Claims" is included for your reference.

Please address any further correspondence with the Agency related to this FYI submission to:

Document Processing Center (7407)
Attn: FYI Coordinator
Office of Pollution Prevention and Toxics
U.S. Environmental Protection Agency
Washington, D.C. 20460-0001

EPA looks forward to continued cooperation with your organization in its ongoing efforts to evaluate and manage potential risks posed by chemicals to health and the environment.

Sincerely,

Terry R. O'Bryan

Terry R. O'Bryan
Risk Analysis Branch

Enclosure

13030 A

Printed on Recycled Paper

Triage of 8(e) Submissions

Date sent to triage: AUG 19 1994

NON-CAP CAP

Submission number: 13030A

TSCA Inventory: Y N D

Study type (circle appropriate):

Group 1 - Dick Clements (1 copy total)

ECO AQUATO

Group 2 - Ernie Falke (1 copy total)

ATOX SBTOX SEN w/NEUR

Group 3 - Elizabeth Margosches (1 copy each)

STOX CTOX EPI RTOX GTOX

STOX/ONCO CTOX/ONCO IMMUNO CYTO NEUR

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

Notes:

THIS IS THE ORIGINAL 8(e) SUBMISSION; PLEASE REFILE AFTER TRIAGE DATABASE ENTRY

For Contractor Use Only

entire document: 0 1 2 **pages** 1 **pages** 1

Notes:

Contractor reviewer : DMC **Date:** 8/1

CECATS\TRIAGE TRACKING DBASE ENTRY FORM

CECATS DATA:
Submission # 8EHQ- 0594 - 13030 SEQ. A

TYPE: INT. SUPP FLWP

SUBMITTER NAME: BIO - CIDE International, Inc.

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: 05/11/94 OTS DATE: 05/17/94 CSRAD DATE: 06/16/94

CHEMICAL NAME:

CAS# 7758-19-2

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 (CONTINUE)	YES (DROP/REFER)	Mysid Shrimp	LOW		
NO (DROP)	NO (CONTINUE)		MED		
DETERMINE	REFER:		HIGH		

COMMENTS: Non-Cap