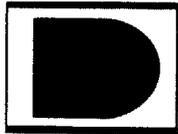


8E HQ-1194-13261

DEEPWATER



IODIDES, INC.

ORIGINAL

1210 Airpark Road, Woodward, OK 73801 • (405) 256-0500 • (800) 854-4064 • FAX (405) 256-0575

(A)

November 11, 1994

Document Processing Center (TS-790)
(Attn: Section 8(e) Coordinator)
Office of Toxic Substances
U.S. Environmental Protection Agency
401 "M" Street, S.W.
Washington, D.C. 20460

Contains No CBI

RECEIVED
NOV 23 11 2:16
0921 0010

Attn: Section 8(e) Coordinator:

Following is information provided under Section 8(e) of the Toxic Substances Control Act. It is being submitted by:

Dr. L. L. Hilton, President
Deepwater Iodides, Inc.
1210 Airpark Rd.
Woodward, OK 73801
(405) 256-0500



8EHQ-94-13261
INIT 11/23/94

The submission concerns trifluoroiodomethane; tradename Triodide®; chemical formula, CF₃I; CAS Registry number 2314-97-8. This product is manufactured by Deepwater Iodides, Inc.

The adverse effect being reported is cardiac sensitization. Using accepted protocol, the cardiac sensitization potential of CF₃I was determined in dogs. The NOAEL (No Observable Adverse Effects Level) was measured as 0.2% (2,000 ppm) and the LOAEL (Lowest Observable Adverse Effects Level) was measured as 0.4% (4,000 ppm). These concentrations are similar to those which cause cardiac sensitization with CFC-11, a widely used refrigerant, and Halon 1211, and a number of other halon replacement agents.

Reference: Huntingdon Research Centre, Huntingdon, England, July, 1994.

Even though the research was done in July, the effects were not known to us until recently. The study was not funded by Deepwater Iodides, Inc. We became aware of this effect by reading marketing information in which this study was quoted.

Larry L. Hilton /cjs

12/15/94



8895000051



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

Larry L. Hilton
Deepwater Iodides, Inc.
1210 Airpark Road
Woodward, OK 73801

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

JAN 12 1995

EPA acknowledges the receipt of information submitted by your organization under Section 8(e) of the Toxic Substances Control Act (TSCA). For your reference, copies of the first page(s) of your submission(s) are enclosed and display the TSCA §8(e) Document Control Number (e.g., 8EHQ-00-0000) assigned by EPA to your submission(s). Please cite the assigned 8(e) number when submitting follow-up or supplemental information and refer to the reverse side of this page for "EPA Information Requests".

All TSCA 8(e) submissions are placed in the public files unless confidentiality is claimed according to the procedures outlined in Part X of EPA's TSCA §8(e) policy statement (43 FR 11110, March 16, 1978). Confidential submissions received pursuant to the TSCA §8(e) Compliance Audit Program (CAP) should already contain information supporting confidentiality claims. This information is required and should be submitted if not done so previously. To substantiate claims, submit responses to the questions in the enclosure "Support Information for Confidentiality Claims". This same enclosure is used to support confidentiality claims for non-CAP submissions.

Please address any further correspondence with the Agency related to this TSCA 8(e) submission to:

Document Processing Center (7407)
Attn: TSCA Section 8(e) 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

13261 A



Recycled Paper
Printed with 100% recycled paper that
contains 0% chlorine dioxides

Triage of 8(e) Submissions

Date sent to triage: APR 06 1995

NON-CAP

CAP

Submission number: 13261A

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: <u>0</u> 1 2 pages _____	pages <u>1</u>
Notes:	
Contractor reviewer: <u>UPS</u>	Date: <u>1/30/95</u>

CECATS DATA: Submission # BEHQ. 1194-13261 SEQ. A

TYPE: INT SUPP FLWP

SUBMITTER NAME: Dogpuster Iodides

INFORMATION REQUESTED: FLWP DATE: _____
 0501 NO INFO REQUESTED
 0502 INFO REQUESTED (TEC1)
 0503 INFO REQUESTED (VOL ACTIONS)
 0504 INFO REQUESTED (REPORTING RATIONALE)
 DISPOSITION:
 0630 REFER TO CHEMICAL SCREENING
 0678 CAP NOTICE

VEG LINARY ACTIONS:
 0401 NO ACTION REPORTED
 0402 STUDY'S PLANNING IN PROGRESS
 0403 NOTIFICATION OF WORKING METHOD
 0404 LABEL/MSDS (TIANG'S)
 0405 PROFESSIONAL/IND. INC. (TIANG'S)
 0406 APP USE DISCONTINUED
 0407 PRODUCTION DISCONTINUED
 0408 CONFIDENTIAL

SUB. DATE: 11/11/94 OTR DATE: 11/23/94 CSRAD DATE: 12/15/94

CHEMICAL NAME: Iodide CAS# 2314-97-8

INFORMATION TYPE:	P F C	INFORMATION TYPE:	P F C	INFORMATION TYPE:	P F C
0201 ONCO (HUMAN)	01 02 04	0216 EPICLIN	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 BOD/AQUA TOX	01 02 04	0245 CLASTO (ANIMAL)	01 02 04
0206 REPRO/TERATO (HUMAN)	01 02 04	0221 ENV. OCCUREL/FATE	01 02 04	0246 CLASTO (HUMAN)	01 02 04
0207 NEURO (HUMAN)	01 02 04	0222 EMER INCI OF ENV CONTAM	01 02 04	0247 DNA DAM/REPAIR	01 02 04
0208 NEURO (ANIMAL)	01 02 04	0223 RESPONSE REQUEST DELAY	01 02 04	0248 PROD/USE/PROC	01 02 04
0209 NEURO (ANIMAL)	01 02 04	0224 PRODCOMP/CHEM ID	01 02 04	0251 MSDS	01 02 04
0210 ACUTE TOX. (HUMAN)	01 02 04	0225 REPORTING RATIONALE	01 02 04	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	0229 METAB/PHARMACO (ANIMAL)	01 02 04		
0215 CHRONIC TOX (ANIMAL)	01 02 04	0230 METAB/PHARMACO (HUMAN)	01 02 04		

TRIAOE DATA: NON-CBI INVENTORY ONGOING REVIEW: YES (DROPPERS) SPECIES: Dog TOXICOLOGICAL CONCERN: LOW USE: _____ PRODUCTION: _____

CAS SR NO NO

0 11 2 2 2 2 2 2

0 1 1 2 2 2 2

0 1 1 2 2 2 2

0 1 1 2 2 2 2

0 1 1 2 2 2 2

-CPSS-

> <ID NUMBER>
8(E)-13261A

> <TOX CONCERN>
L

> <COMMENT>
ACUTE INHALATION CARDIAC SENSITIZATION IN DOGS IS OF LOW CONCERN
BASED ON A NOAEL OF 0.2% (2,000 PPM) AND LOAEL OF 0.4% (4,000
PPM) USING STANDARD ACCEPTED PROTOCOL. NO FURTHER DATA WAS
PROVIDED.

\$\$\$\$