

II. HEALTH HAZARD DATA

A. ROUTES OF ENTRY; EMPLOYEES MAY BE EXPOSED;

1. THROUGH INHALATION (BREATHING);
2. THROUGH INGESTION (SWALLOWING);
3. SKIN CONTACT; AND
4. EYE CONTACT.

B. EFFECTS OF EXPOSURE;

1. ACUTE EXPOSURE. DBCP MAY CAUSE DROWSINESS, IRRITATION OF THE EYES, NOSE, THROAT AND SKIN, NAUSEA AND VOMITING. IN ADDITION, OVEREXPOSURE MAY CAUSE DAMAGE TO THE LUNGS, LIVER OR KIDNEYS.
2. CHRONIC EXPOSURE. PROLONGED OR REPEATED EXPOSURE TO DBCP HAS BEEN SHOWN TO CAUSE STERILITY IN HUMANS. IT ALSO HAS BEEN SHOWN TO PRODUCE CANCER AND STERILITY IN LABORATORY ANIMALS AND HAS BEEN DETERMINED TO CONSTITUTE AN INCREASED RISK OF CANCER IN MAN.
3. REPORTING SIGNS AND SYMPTOMS. IF YOU DEVELOP ANY OF THE ABOVE SIGNS OR SYMPTOMS THAT YOU THINK ARE CAUSED BY EXPOSURE TO DBCP, YOU SHOULD INFORM YOUR EMPLOYER.

DBCP HANDLING PROCEDURES

A. REGULATED AREAS

1. THE AREA WILL BE RESTRICTED TO AUTHORIZED PERSONNEL DURING ANY LINE OPENINGS OR OTHER OPERATIONS WHERE DBCP MAY BE IN EXCESS OF THE PERMISSIBLE EXPOSURE LIMIT (PEL).
2. FOOD, BEVERAGES OR SMOKING PRODUCTS WILL NOT BE ALLOWED IN REGULATED AREAS.
3. SIGNS WILL BE POSTED TO INDICATE THE REGULATED AREA. THE SIGNS WILL BEAR THE LEGEND:

DANGER
1,2-DIBROMO-3-CHLOROPROPANE
CANCER HAZARD
AUTHORIZED PERSONNEL ONLY
RESPIRATOR REQUIRED

WBP
07/21/01

DO 105841
CONFIDENTIAL

B. EXPOSURE MONITORING

1. EXPOSURE MONITORING WILL BE PERFORMED WHICH WILL BE REPRESENTATIVE OF YOUR EXPOSURE TO DBCP.
2. WITHIN 5 DAYS OF RECEIPT OF THE RESULTS, THE EMPLOYEE WILL BE NOTIFIED IN WRITING OF THE MEASUREMENTS.

C. RESPIRATORS

A FULL-FACE PRESSURE-DEMAND (EITHER SELF-CONTAINED OR SUPPLIED AIR) RESPIRATOR WILL BE WORN DURING ANY LINE OPENINGS OR OTHER OPERATIONS WHERE DBCP MAY BE IN EXCESS OF THE PEL.

D. PROTECTIVE CLOTHING

1. POLYLAMINATED TYVEK SAC-SUITS, NITRILE RUBBER GLOVES, AND NEOPRENE BOOTS WILL BE WORN DURING ANY LINE OPENINGS OR OTHER ACTIVITIES WHERE THE SKIN MAY COME IN CONTACT WITH DBCP.
2. THE PROTECTIVE EQUIPMENT IS FOR SPLASH PROTECTION. IT SHOULD BE RINSED WITH WATER AS SOON AS POSSIBLE AFTER CONTACT WITH DBCP.
3. AT THE END OF EACH SHIFT, THE POLYLAMINATED SAC-SUITS WILL BE PLACED IN SEALED CONTAINERS FOR DISPOSAL. THE GLOVES AND BOOTS WILL BE RINSED WITH WATER AND STORED FOR THE NEXT DAYS USE.

E. SHOWER/HYGIENE FACILITIES

1. PERSONS ACTIVELY WORKING IN RESTRICTED AREAS WILL SHOWER AT THE END OF EACH SHIFT OR MORE OFTEN IF NECESSARY.
2. ANY WORK CLOTHING OBVIOUSLY CONTAMINATED WITH DBCP WILL NOT BE BROUGHT INTO THE SHOWER/CHANGE ROOM. THE CLOTHING WILL BE PLACED IN SEALED CONTAINERS FOR DISPOSAL.
3. ANY PERSON WHOSE SKIN OR EYES COME IN CONTACT WITH DBCP LIQUID SHALL IMMEDIATELY WASH OR SHOWER WITH WATER FOR A MINIMUM OF 15 MINUTES.
4. ANY PERSONS WORKING IN REGULATED AREAS WILL REMOVE PROTECTIVE CLOTHING AND WASH HANDS AND FACE PRIOR TO EATING.

F. HOUSEKEEPING

ANY LIQUID DBCP VISIBLE ON WORK SURFACES WILL BE COLLECTED WITH VERMICULITE, "DRY-SORB", OR SIMILAR MATERIAL AND PLACED IN SEALED CONTAINERS FOR DISPOSAL.

- G. A COMPLETE COPY OF 1910.1044 1,2-DIBROMO-3-CHLOROPROPANE AND ITS APPENDICES WILL BE POSTED IN YOUR WORK AREA.

WBP/9-21-84

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THE CONTENTS OF THE OSHA STANDARD FOR 1,2-DIBROMO-3-CHLORO-
PROPANE (DBCP) AND PRECAUTIONS AND PROCEDURES FOR SAFE
HANDLING OF DBCP HAVE BEEN PRESENTED TO ME. I ALSO UNDER-
STAND THAT A COPY OF THIS STANDARD IS LOCATED IN THE CONTROL
ROOM OF MY WORK AREA.

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