

## REPRODUCTIVE TOXINS

*OSHA Laboratory Standard Definition:* Reproductive toxin means chemicals which affect the reproductive capabilities including chromosomal damage (mutations) and effects on fetuses (teratogenesis).

CHEMICAL NAME	CAS NUMBER
Acetohydroxamic acid	546-88-3
Actinomycin D	50-76-0
All-trans retinoic acid	302-79-4
Alprazolam	8981-97-7
Amikacin sulfate	3983-55-5
Aminoglutethimide	125-84-8
Aminoglycosides	
Aminopterin	54-62-6
Angiotensin converting enzyme (ACE inhibitors)	
Anisindione	117-37-3
Aspirin	50-78-2
Barbiturates	
Benomyl	17804-35-2
Benzphetamine hydrochloride	5411-22-3
Benzodiazepines	
Bischloroethyl nitrosourea (BCNU) (carmustine)	154-93-8
Bromoxynil	1689-84-5
Butabarbital sodium	143-81-7
1,4-Butanediol dimethylsulfonate (busulfan)	55-98-1
Carbon disulfide	75-15-0
Carbon monoxide	630-08-0
Carboplatin	41575-94-4
Chenodiol	474-25-9
Chlorcyclizine hydrochloride	1620-21-9
Clorambucil	305-03-3
Chlordecone (kepone)	143-50-0
Chlordiazepoxide	58-25-3
Chlordiazepoxide hydrochloride	438-41-5
1-(2-Chloroethyl)-3-cyclohexyl-1-nitrosourea (CCNU)	13010-47-4
Clomiphene citrate	50-41-9
Chlorazepate dipotassium	57109-90-7
Cocaine	50-36-2
Colchicine	64-86-8
Conjugated estrogens	
Cyanazine	21715-46-2
Cycloheximide	66-81-9
Cyclophosphamide (anhydrous)	50-18-0
Cyclophosphamide (hydrated)	6055-19-2
Cyhexatin	13121-70-5
Cytarabine	147-94-4
Danazol	17230-88-5
Daunorubicin hydrochloride	23541-50-6
Demeclocycline hydrochloride (internal use)	64-73-3
Diazepam	439-14-5

Dicumarol	66-76-2
Diethylstilbestrol (DES)	56-53-1
Dinocap	39300-45-3
Dinoseb	88-85-7
Diphenylhydantoin (phenytoin)	57-41-0
Doxycycline (internal use)	564-25-0
Doxycycline calcium (internal use)	94088-85-4
Doxycycline hyclate (internal use)	24390-14-5
Doxycycline monohydrate (internal use)	17086-28-1
Ergotamine tartrate	379-79-3
Ethylene glycol monoethyl ether	110-80-5
Ethylene glycol monomethyl ether	109-86-4
Ethylene glycol monoethyl ether acetate	111-15-9
Ethylene glycol monomethyl ether acetate	110-49-6
Ethylene thiourea	96-45-7
Etoposide	33419-42-0
Etrinate	54350-48-0
Fluorouracil	51-21-8
Fluoxymesterone	76-43-7
Flurazepam hydrochloride	1172-18-5
Flutamide	13311-84-7
Halazepam	23093-17-3
Hexachlorobenzene	118-74-1
Ifosfamide	3778-73-2
Iodine-131	24267-56-9
Isotretinoin	4759-48-2
Lead	
Lithium carbonate	554-13-2
Lithium citrate	919-16-4
Lorazepam	846-49-1
Lovastatin	75330-75-5
Medroxyprogesterone acetate	71-58-9
Megestrol acetate	595-33-5
Melphalan	148-82-3
Menotropins	9002-68-0
Meprobamate	57-53-4
Mercaptopurine	6112-76-1
Methacycline hydrochloride	6112-76-1
Methimazole	60-56-0
Methotrexate	59-05-2
Tethotrexate sodium	15475-56-6
Methyl bromide	74-83-9
Methyl mercury	22967-92-6
Methyltestosterone	58-18-4
Midazolam hydrochloride	59467-96-8
Minocycline hydrochloride (internal use)	13614-98-7
Misoprostol	62015-39-8
Mitoxantrone hydrochloride	70476-82-3
Nafgarelin acetate	86220-42-0
Neomycon sulfate (internal use)	1405-10-3
Netilmicin sulfate	56391-57-2
Nicotine	54-11-5

Nitrogen mustard (mechlorethamine)	51-75-2
Nitrogen mustard hydrochloride	55-86-7
Norethisterone (norethindrone)	68-22-4
Norethisterone acetate (norethindrone acetate)	51-98-9
Norethisterone (norethindrone)/ethinyl estradiol	68-22-4/57-63-6
Norethisterone (norethindrone)/mestranol	68-22-4/72-33-3
Norgestrel	6533-00-2
Oxazepam	604-75-1
Oxytetracycline (internal use)	79-57-2
Oxytetracycline hydrochloride (internal use)	2058-46-0
Paramethadione	115-67-1
Penicillamine	52-67-5
Phenacemide	63-98-9
Phenprocoumon	435-97-2
Pipobroman	54-91-1
Plicamycin	18378-89-7
Polychlorinated biphenyls	
Procarbazine hydrochloride	366-70-1
Propylthiouracil	51-52-5
Ribarvirin	36791-04-5
Secobarbital sodium	309-43-3
Streptomycin sulfate	3810-74-0
Tamoxifen citrate	54965-24-1
Temazepam	846-50-4
Testosterone cyoionate	846-50-4
Testosterone enanthate	315-37-7
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	1746-01-6
Tetracycline (internal use)	
Thalidomide	50-35-1
Thioguanine	154-42-7
Tobacco smoke (primary)	
Tobramycin sulfate	49842-07-1
Toluene	108-88-3
Triazolam	28911-01-5
Trilostane	13647-35-3
Uracil mustard	66-75-1
Urofollitropin	26995-91-5
Valproate (valproic acid)	99-66-1

## Female and Male Reproductive Toxins

CHEMICAL NAME	CAS NUMBER
<b>FEMALE REPRODUCTIVE TOXINS</b>	
Anabolic steroids	
Carbon disulfide	75-15-0
Cocaine	50-36-2
Cyclophosphamide (anhydrous)	50-18-0
Cyclophosphamide (hydrated)	6055-19-2
Ethylene oxide	75-21-8
Lead	
Tobacco smoke (primary)	
Uracil mustard	66-75-1
<b>MALE REPRODUCTIVE TOXINS</b>	
Benomyl	17804-35-2
Carbon disulfide	75-15-0
Colchicine	64-86-8
Cyclophosphamide (anyhdrous)	50-18-0
Cyclophosphamide (hydrated)	6055-19-2
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8
m-Dinitrobenzene	99-65-0
o-Dinitrobenzene	528-29-0
p-Dinitrobenzene	100-25-4
Dinoseb	88-85-7
Ethylene glycol monoethyl ether	110-80-5
Ethylene glycol monomethyl ether	109-86-4
Lead	
Nitrofurantoin	67-20-9
Tobacco smoke (primary)	
Uracil mustard	66-75-1

Lists taken from:

<http://www.hawaii.edu/ehso/lab/list.htm>