

## **CHEMICALS KNOWN TO CAUSE REPRODUCTIVE TOXICITY**

Acetazolamide

Acetohydroxamic acid

Actinomycin D

All-trans retinoic acid

Alprazolam

Altretamine

Amikacin sulfate

Aminoglutethimide

Aminoglycosides

Aminopterin

Amiodarone hydrochloride

Amitraz

Amoxapine

Angiotensin converting enzyme (ACE) inhibitors

Anisindione

Arsenic (inorganic oxides)

Aspirin (NOTE: It is especially important not to use aspirin during the last three months of pregnancy, unless specifically directed to do so by a physician because it may cause problems in the unborn child or complications during delivery.)

Atenolol

Auranofin

Azathioprine

Barbiturates

Beclomethasone dipropionate

Benomyl

Benzene

Benzphetamine hydrochloride

Benzodiazepines

Bischloroethyl nitrosourea (BCNU) (Carmustine)

Bromacil lithium salt

Bromoxynil

Bromoxynil octanoate

Butabarbital sodium

1,4-Butanediol dimethylsulfonate (Busulfan)

Cadmium

Carbamazepine

Carbon disulfide

Carbon monoxide

Carboplatin

Chenodiol

Chinomethionat (Oxythioquinox)

Chlorambucil

Chlorcyclizine hydrochloride

Chlordecone (Kepone)

Chlordiazepoxide

Chlordiazepoxide hydrochloride

1-(2-Chloroethyl)-3-cyclohexyl-1-nitrosourea (CCNU) (Lomustine)

Chlorsulfuron

Cidofovir

Cladribine

Clarithromycin

Clobetasol propionate

Clomiphene citrate

Clorazepate dipotassium

Cocaine

Codeine phosphate  
Colchicine  
Conjugated estrogens  
Cyanazine  
Cycloate  
Cycloheximide  
Cyclophosphamide (anhydrous)  
Cyclophosphamide (hydrated)  
Cyhexatin  
Cytarabine  
Dacarbazine  
Danazol  
Daunorubicin hydrochloride  
2,4-D butyric acid  
o,p' -DDT  
p,p' -DDT  
2,4-DP (dichloroprop)  
Demeclocycline hydrochloride (internal use)  
Diazepam  
Dichlorophene  
Diclofop methyl  
Dicumarol  
Diethylstilbestrol (DES)  
Diflunisal  
Dihydroergotamine mesylate  
Dinocap  
Dinoseb  
Diphenylhydantoin (Phenytoin)

Disodium cyanodithiomidocarbonate  
Doxorubicin hydrochloride  
Doxycycline (internal use)  
Doxycycline calcium (internal use)  
Doxycycline hyclate (internal use)  
Doxycycline monohydrate (internal use)  
Endrin  
Ergotamine tartrate  
Estropipate  
Ethionamide  
Ethyl alcohol in alcoholic beverages  
Ethyl dipropylthiocarbamate  
Ethylene dibromide  
Ethylene glycol monoethyl ether  
Ethylene glycol monomethyl ether  
Ethylene glycol monoethyl ether acetate  
Ethylene glycol monomethyl ether acetate  
Ethylene thiourea  
Etodolac  
Etoposide  
Etretinate  
Fenoxaprop ethyl  
Fluazifop butyl  
Flunisolide  
Fluorouracil  
Fluoxymesterone  
Flurazepam hydrochloride  
Flurbiprofen

Flutamide  
Fluticasone propionate  
Fluvalinate  
Ganciclovir sodium  
Goserelin acetate  
Halazepam  
Halobetasol propionate  
Haloperidol  
Halothane  
Heptachlor  
Hexachlorobenzene  
Histrelin acetate  
Hydramethylnon  
Hydroxyurea  
Idarubicin hydrochloride  
Ifosfamide  
Iodine-131  
Isotretinoin  
Lead  
Leuprolide acetate  
Levodopa  
Linuron  
Lithium carbonate  
Lithium citrate  
Lorazepam  
Lovastatin  
Mebendazole  
Medroxyprogesterone acetate

Megestrol acetate

Melphalan

Menotropins

Meprobamate

Mercaptopurine

Mercury and mercury compounds

Methacycline hydrochloride

Metham sodium

Methimazole

Methotrexate

Methotrexate sodium

Methyl bromide as a structural fumigant

Methyl mercury

Methyltestosterone

Metiram

Midazolam hydrochloride

Minocycline hydrochloride (internal use)

Misoprostol

Mitoxantrone hydrochloride

Myclobutanil

Nabam

Nafarelin acetate

Neomycin sulfate (internal use)

Netilmicin sulfate

Nickel carbonyl

Nicotine

Nifedipine

Nitrapyrin

Nitrogen mustard (Mechlorethamine)

Nitrogen mustard hydrochloride (Mechlorethamine hydrochloride)

Norethisterone (Norethindrone)

Norethisterone acetate (Norethindrone acetate)

Norethisterone (Norethindrone)/Ethinyl estradiol

Norethisterone (Norethindrone)/Mestranol

Norgestrel

Oxadiazon

Oxazepam

Oxymetholone

Oxytetracycline (internal use)

Oxytetracycline hydrochloride (internal use)

Paclitaxel

Paramethadione

Penicillamine

Pentobarbital sodium

Pentostatin

Phenacetamide

Phenprocoumon

Pimozide

Pipobroman

Plicamycin

Polybrominated biphenyls

Polychlorinated biphenyls

Potassium dimethyldithiocarbamate

Prednisolone sodium phosphate

Procarbazine hydrochloride

Propargite

Propylthiouracil

Pyrimethamine

Quazepam  
Resmethrin

Retinol/retinyl esters, when in daily dosages in excess of 10,000 IU, or 3,000 retinol equivalents. (NOTE: Retinol/retinyl esters are required and essential for maintenance of normal reproductive function. The recommended daily level during pregnancy is 8,000 IU.)

Ribavirin

Secobarbital sodium

Sermorelin acetate

Sodium dimethyldithiocarbamate

Streptomycin sulfate

Streptozocin

Sulindac

Tamoxifen citrate

Temazepam

Teniposide

Terbacil

Testosterone cypionate

Testosterone enanthate

2,3,7,8-Tetrachlorodibenzo-para-dioxin (TCDD)

Tetracycline (internal use)

Tetracyclines (internal use)

Tetracycline hydrochloride (internal use)

Thalidomide

Thioguanine

Tobacco smoke (primary)

Tobramycin sulfate

Toluene

Triadimefon

Triazolam

Triforine

Trilostane

Trimethadione

Trimetrexate glucuronate

Uracil mustard

Urethane

Urofollitropin

Valproate (Valproic acid)

Vinblastine sulfate

Vinclozolin

Vincristine sulfate

Warfarin

**Female reproductive toxicity**

Aminopterin

Amiodarone hydrochloride

Anabolic steroids

Aspirin (NOTE: It is especially important not to use aspirin during the last three months of pregnancy, unless specifically directed to do so by a physician because it may cause problems in the unborn child or complications during delivery.)

Carbon disulfide

Cidofovir

Chlorsulfuron

Clobetasol propionate

Cocaine

Cyclophosphamide (anhydrous)

Cyclophosphamide (hydrated)

o,p' -DDT

p,p' -DDT

Diflunisal

Dinitrotoluene (technical grade)

Ethylene oxide

Etodolac

Flunisolide

Flurbiprofen

Gemfibrozil

Goserelin acetate

Haloperidol

Lead

Leuprolide acetate

Levonorgestrel implants

Nifedipine

Oxydemeton methyl

Paclitaxel

Pimozide

Streptozocin

Sulindac

Thiophanate methyl

Tobacco smoke (primary)

Triadimefon

Uracil mustard

**Male reproductive toxicity**

Altretamine

Amiodarone hydrochloride

Anabolic steroids

Benomyl

Benzene

Cadmium

Carbon disulfide  
Cidofovir  
Chlorsulfuron  
Colchicine  
Cyclohexanol  
Cyclophosphamide (anhydrous)  
Cyclophosphamide (hydrated)  
2,4-D butyric acid  
o,p' -DDT  
p,p' -DDT  
1,2-Dibromo-3-chloropropane (DBCP)  
m-Dinitrobenzene  
o-Dinitrobenzene  
p-Dinitrobenzene  
2,4-Dinitrotoluene  
2,6-Dinitrotoluene  
Dinitrotoluene (technical grade)  
Dinoseb  
Doxorubicin hydrochloride  
Epichlorohydrin  
Ethylene dibromide  
Ethylene glycol monoethyl ether  
Ethylene glycol monomethyl ether  
Ethylene glycol monoethyl ether acetate  
Ethylene glycol monomethyl ether acetate  
Ganciclovir sodium  
Gemfibrozil  
Goserelin acetate

Hexamethylphosphoramide

Hydramethylnon

Idarubicin hydrochloride

Lead

Leuprolide acetate

Myclobutanil

Nifedipine

Nitrofurantoin

Oxydemeton methyl

Paclitaxel

Sodium fluoroacetate

Streptozocin

Sulfasalazine

Thiophanate methyl

Tobacco smoke (primary)

Triadimefon

Uracil mustard