



PARTICULARLY HAZARDOUS SUBSTANCES (PHS)

This list contains examples of chemicals that may be used at the University of Nebraska Medical Center (UNMC). *The list is not all-inclusive.*

This lists contains examples of Particularly Hazardous Substances (PHS) which are a special subset of OSHA Hazardous Chemicals. PHS include chemicals that are known or suspect carcinogens, reproductive toxins, and/or highly toxic materials. Before working with any PHS, please determine if you have any of these and evaluate if additional protective work practices are needed. You should utilize the [PHS Assessment Form](#) to help in this evaluation.

Abbreviations Used in List Headings

CARC NTP	National Toxicology Program listed carcinogen - <u>National Toxicology Program</u> K = known carcinogen S = suspect carcinogen
CARC IARC	International Association for Research on Cancer listed carcinogen - <u>IARC</u> 1= known human carcinogen 2A = probable human carcinogen 2B = possible human carcinogen
CARC OSHA	OSHA regulated carcinogen - <u>OSHA-regulated carcinogens</u> X = regulated carcinogen
REPRO SHEP	Included in <i>Catalog of Teratogenic Agents</i> , T.H. Shepard, 6 th Edition, Johns Hopkins Press, 1989 X = listed teratogen
REPRO CALIF	Listed by the State of California 'Safe Drinking Water Act, 1986' <u>http://www.oehha.ca.gov/prop65/prop65_list/Newlist.html</u> F = female reproductive hazard M = male reproductive hazard
HTX	Highly toxic, included in EPA's list 'Acutely Toxic Hazardous Waste', P-listed waste <u>40 CFR 261.33</u> , or Included in OSHA's list of highly hazardous chemicals with a threshold £200 pounds <u>29 CFR 1910.119</u> .
UNMC PH	Chemicals Considered by UNMC EHS to Pose Physical Hazards, including: Highly reactive compounds (pyrophorics, water-reactives, explosives), Organic Peroxides, Explosive Gases, Liquified Gases, Peroxide Formers (see <i>Prudent Practices in the Laboratory</i> for reference), Mutagens and Teratogens

Lab Standard List for Particularly Hazardous Substances

SUBSTANCE	CAS #	CARC NTP	CARC IARC	CARC OSHA	REPRO SHEP	REPRO CALIF	HTX EPA	UNMC PH
(Aminomethyl)-3-isoxazolol; 5	2763-96-4						X	
(N-nitrosomethylamino)-1-(3-pyridyl)-1-butanone; 4	64091-91-4	S	2B					
(N-nitrosomethylamino)propionitrile; 3	60153-49-3		2B					
[(5-nitrofurfurylidine)amino]-2-imidazolidinone; 1	555-84-0		2B					
[4-(5-nitro-2-furyl)-2-thiazolyl]acetamide; n	531-82-8		2B					
1-(2-Chloroethyl)-3-(4-methylcyclohexyl)-1-nitrosourea (Se	13909-09-6							X
1-(2-Chloroethyl)-3-cyclohexyl-1-nitrosourea (CCNU)	13010-47-4							X
1,1-Dimethylhydrazine	57-14-7							X
1,2,3-Trichloropropane	96-18-4							X
1,2-Dibromo-3-chloropropane	96-12-8							X
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4							X
1,2-Dichloroethane	107-06-2							X
1,2-Diethylhydrazine	1615-80-1							X
1,2-Epoxybutane	106-88-7							X
1,3-Butadiene	106-99-0							X
1,3-Dichloropropene	542-75-6							X
1,3-Propane sultone	1120-71-4							X
1,4-Butanediol dimethanesulfonate (Busulfan; Myleran)	55-98-1							X
1,4-Dioxane	123-91-1							X
1,6-Dinitropyrene	42397-64-8							X
1,8-Dinitropyrene	42397-65-9							X
1-[(5-Nitrofurfurylidene)amino]-2-imidazolidinone	555-84-0							X
1-Amino-2,4-dibromoanthraquinone	81-49-2							X
1-Amino-2-methylantraquinone	82-28-0							X
1-Chloro-2-methylpropene (Dimethylvinyl Chloride)	513-37-1							X
1-Hydroxyanthraquinone	129-43-1							X
1-Nitropyrene	5522-43-0							X
2-(2-Formylhydrazino)-4-(5-nitro-2-furyl)thiazole	3570-75-0							X
2,2-Bis(bromomethyl)propane-1,3-diol	3296-90-0							X
2,3,7,8-Tetrachlorodibenzo-para-dioxin	1746-01-6							X
2,3-Dibromo-1-propanol	96-13-9							X
2,4,6-Trichlorophenol	88-06-2							X
2,4-Diaminoanisole	615-05-4							X
2,4-Diaminoanisole Sulfate	39156-41-7							X
2,4-Diaminotoluene	95-80-7							X
2,4-Dinitrotoluene	121-14-2							X
2,6-Dimethylaniline (2,6-Xylidine)	87-62-7							X

2,6-Dinitrotoluene	606-20-2								X
2-acetylaminofluorene	53-96-3								X
2-Amino-1-methyl-6-phenylimidazo[4,5-b]pyridine (PhIP)	1056502-30-5								X
2-Amino-3-methylimidazo[4,5-f]quinoline (IQ)	76180-96-6								X
2-Amino-5-(5-nitro-2-furyl)-1,3,4-thiadiazole	712-68-5								X
2-Aminoanthraquinone	117-79-3								X
2-Chloroethanal	107-20-0								X
2-Chloroethanol	107-07-3								X
2-Hexanone	591-78-6								X
2-Methyl-1-nitroanthraquinone	129-15-7								X
2-Naphthylamine	91-59-8								X
2-Nitroanisole	91-23-6								X
2-Nitrofluorene	607-57-8								X
2-Nitropropane	79-46-9								X
3-(N-Nitrosomethylamino)propionitrile	60153-49-3								X
3,3'-Dichlorobenzidine Dihydrochloride	612-83-9								X
3,3'-Dichloro-4,4'-diaminodiphenyl ether	28434-86-8								X
3,3'-Dichlorobenzidine and salts	91-94-1								X
3,3'-Dimethoxybenzidine (ortho-Dianisidine)	119-90-4								X
3,3'-Dimethylbenzidine (ortho-Tolidine)	119-93-7								X
3,7-Dinitrofluoranthene	105735-71-5								X
3,9-Dinitrofluoranthene	22506-53-2								X
3-Chloro-2-methylpropene	563-47-3								X
3-Chloro-4-(dichloromethyl)-5-hydroxy-2(5H)-furanone	77439-76-0								X
4-(N-Nitrosomethylamino)-1-(3-pyridyl)-1-butanone	64091-91-4								X
4,4'-Methylenebis(2-chloroaniline)	101-14-4								X
4,4'-Methylene bis(2-methylaniline)	838-88-0								X
4,4'-Methylenediphenyl diisocyanate	101-68-8								X
4,4'-Oxydianiline	101-80-4								X
4,4'-Thiodianiline	139-65-1								X
4-Aminobiphenyl	92-67-1								X
4-Chloro-ortho-phenylenediamine	95-83-0								X
4-Chloro-ortho-toluidine	95-69-2								X
4-Dimethylaminoazo-benzene	60-11-7								X
4-Nitropyrene	57835-92-4								X
4-Vinylcyclohexene	100-40-3								X
4-Vinylcyclohexene diepoxide	106-87-6								X
5-(Morpholinomethyl)-3-[(5-nitrofurfurylidene)amino]-2-oxaz	3795-88-8								X
5-Fluorouracil	51-21-8								X

5-Methoxypsoralen	484-20-8							X
5-Methylchrysene	3697-24-3							X
5-Nitroacenaphthene	602-87-9							X
6-Nitrochrysene	2043-93-7							X
7H-Dibenzo[c,g]carbazole	194-59-2							X
8-Methoxypsoralen (Methoxsalen) plus ultraviolet A radiatio	298-81-7							X
A-a-C (2-Amino-9H-pyrido[2,3-b]indole)	26148-68-5							X
Abrin	1393-62-0							X
abrin A	53597-23-2							X
Abrin C	53597-24-3							X
A-C(2-amino-9H-pyrido[2,3-b]indole	26148-68-5		2B					
Acetal	105-57-7							X
Acetaldehyde	75-07-0	S	2B					
Acetaldehydes	Various							X
Acetamide	60-35-5		2B					
Acetamide; N-(aminothioxomethyl)-	591-08-2						X	
Acetohydroxamic acid	546-88-3					X		
Acetone cyanohydrin	75-86-5						X	
Acetyl peroxide	110-22-5							X
Acetylaminofluorene; 2	53-96-3	S		X				
Acetylene	74-86-2							X
Acetylsalicylic acid (Aspirin)	50-78-2					XF		
Acrolein	107-02-8						X	
Acrylamide	79-06-1	S	2A					
Acrylic Acid	79-10-7							X
Acrylonitrile	107-13-1	S	2A					
Actinomycin D	50-76-0					X		
Adriamycin	23214-92-8	S	2A					
AF-2[2-(2-furyl)-3-(5-nitro-2-furyl)acrylamide]	3688-53-7		2B					
Aflatoxin 495	102489-05-4							X
Aflatoxin B	1162-65-8							X
Aflatoxin B1 Epoxide	42583-46-0							X
Aflatoxin B1, B2A	17878-54-5							X
Aflatoxin B2	7220-81-7							X
Aflatoxin G(sub 2a)	20421-10-7							X
Aflatoxin G2	7241-98-7							X
Aflatoxin M1	6795-23-9							X
Aflatoxin M2	6885-57-0							X
Aflatoxin Q1	52819-96-2							X

Aflatoxin Ro	29611-03-8							X
Aflatoxin Ro'	61740-00-9							X
AflatoxinP1	32215-02-4							X
Aflatoxins	1402-68-2	K	1					
Aldicarb	116-06-3						X	
Aldicarb sulfone	1646-88-4						X	
Aldrin	309-00-2						X	
Allyl alcohol	107-18-6						X	
Allyl chloroformate	2937-50-0							X
alpha-Napthylamine	134-32-7							X
Alprazolam	28981-97-7					X		
Aluminum borohydride	16962-07-5							X
Aluminum chloride	7446-70-0							X
Aluminum hydride	7784-21-6							X
Aluminum Lithium Hydride	16853-85-3							X
Aluminum phosphide	20859-73-8						X	
Amatol (ammonioium nitrate/trinitrotoluene mix)	8006-19-7							X
Amino-1,2,4-triazole; 3; see amitrole								
Amino-2-methyl-anthraquinone; 1	82-28-0	S						
Amino-5-(5-nitrofuryl)-1,3,4 thiadazole; 2	712-68-5		2B					
Aminoanthraquinone; 2	117-79-3	S						
Aminoazobenzene; p-	60-09-3		2B					
Aminoazotoluene; o-	97-56-3	S	2B					
Aminobiphenyl; 4	92-67-1	K	1	X				
Aminoglutethimide	125-84-8					X		
Aminoglycosides	NA					X		
Aminopterin	54-62-6				X	XF		
Aminopyridine; 4	504-24-5						X	
Amitrole	61-82-5	S	2B					
Ammonia	7664-41-7							X
Ammonium dichromate	2151-16-3							X
Ammonium nitrate	6484-52-2							X
Ammonium perchlorate	7790-98-9							X
Ammonium picrate	131-74-8						X	
Ammonium vanadate	7803-55-6						X	
Amsacrine	51264-14-3							X
Androgenic hormones	NA				X			
Angiotensin converting enzyme inhibitors	NA					X		
Anhydroepitetrodotoxin	13072-89-4							X

Aniline	62-53-3							X
Anisidene hydrochloride; o-	134-29-2	S						
Anisidene; o-	90-4-0		2B					
Anisindione	117-37-3					X		
Anisole	100-66-3							X
Antimony trioxide	1309-64-4		2B					
ANTU, see naphthylthiourea								
Aramite	140-57-8		2B					
Argentate(1-); bis(cyano-C)-; potassium	506-61-6						X	
Aroclor 1254	11097-69-1	S						
Aroclor 1260	11096-82-5	S						
Arsenic & compounds	NA		1					
Arsenic acid H3AsO4	7778-39-4						X	
Arsenic and compounds	7440-38-2							X
Arsenic pentoxide	1303-28-2	K					X	
Arsenic trichloride	7784-34-1							X
Arsenic trioxide	1327-53-3	K					X	
Arsenic, elemental/inorganic cmpds; except arsine	NA	K						
Arsine	7784-42-1							X
Arsonous dichloride; phenyl-	696-28-6						X	
Asbestos	1332-21-4	K	1					
Asbestos anthophyllite	17068-78-9	K						
Asbestos, amosite	12172-73-5	K						
Asbestos, chrysotile	12001-29-5	K						
Asbestos, crocidolite	12001-28-4	K						
Atrazine	1912-24-9		2B					
Auramine	492-80-8							X
Azacididine	320-67-2		2A					
Azaserine	115-2-6		2B					
Azathioprine	4465-86-6	K	1					
Azides	Various							X
Aziridine	151-56-4			X			X	
Barbiturates	NA					X		
Barium cyanide	542-62-1						X	
b-Butyrolactone	3068-88-0							X
BCNU; see bis chloroethyl nitrosourea								
Benomyl	17804-35-2					XM		
Benz[a]anthracene	56-55-3							X
Benz[j]aceanthrylene	202-33-5							X

benzal chloride	98-87-3							X
Benzanthracene	56-55-3	S	2A					
Benzenamine; 4-chloro-, see chloroaniline, p-								
Benzene	71-43-2	K	1		X			
Benzene; (chloromethyl)-; see benzyl chloride								
Benzenethiol, see phenyl mercaptan								
Benzidine	92-87-6	K	1	X				
Benzo(b)fluoranthene	205-99-2	S	2B					
Benzo(j)fluoranthene	205-82-3	S	2B					
Benzo(k)fluoranthene	207-08-9	S	2B					
Benzo[a]pyrene	50-32-8							X
Benzo[b]fluoranthene	205-99-2							X
Benzo[c]phenanthrene	195-19-7							X
Benzo[j]fluoranthene	205-82-3							X
Benzo[k]fluoranthene	207-08-9							X
Benzodiazepines	NA					X		
Benzofuran	271-89-6							X
Benzopyran-2-one; 4-hydroxy-3-(3-oxo-1-...	181-81-2						X	
Benzopyrene	50-32-8	S	2A					
Benzotrichloride	98-07-7	S						
Benzoyl chloride	98-88-4							X
Benzoyl peroxide	94-36-0							X
Benzphetamine hydrochloride	5411-22-3					X		
Benzyl chloride	100-44-7						X	
Benzyl violet 4B	1694-09-3		2B					
Beryllium	7440-41-7	S						
Beryllium and Beryllium Cmpds	NA		1					
Beryllium and beryllium compounds	7440-41-7							X
Beryllium chloride	7787-47-5	S						
Beryllium fluoride	7787-49-7	S						
Beryllium hydroxide	13327-32-7	S						
Beryllium oxide	1304-56-9	S						
Beryllium phosphate	13598-15-7	S						
Beryllium powder	7440-41-7						X	
Beryllium sulphate	13510-49-1	S						
Beryllium sulphate tetrahydrate	7787-56-6	S						
Beryllium zinc silicate	39413-47-3	S						
Beryllium-aluminum alloy	12770-50-2	S						
beta-propiolactone	57-57-8							X

Bis (chloromethyl) ether	542-88-1	K	1	X			X	
Bis chloroethyl nitrosourea	154-93-8	S	2A			X		
Bis(2-Methoxyethoxy) Aluminum Hydride	22722-98-1							X
Bischloroethyl nitrosourea (BCNU)	154-93-8							X
Bitumens	8052-42-4							X
Bleomycins	11056-06-7		2B					
Borane Dimethyl Sulfide	13292-87-0							X
Borane Tetrahydrofuran	14044-65-6							X
Boron tribromide	10294-33-4							X
Boron Trichloride	10294-34-5							X
Boron trifluoride	353-42-4							X
Botulinum toxin A	93384-43-1							X
Botulinum toxin B	93384-44-2							X
Botulinum toxin F	93384-46-4							X
Botulinum Toxins	93384-43-4							X
Bromine	7726-95-6							X
Bromine chloride	13863-41-7							X
Bromine pentafluoride	7789-30-2							X
Bromine Trifluoride	7787-71-5							X
Bromoacetone	598-31-2						X	
Bromodichloromethane	75-27-4	S	2B					
Bromopropyne (Propargyl bromide)	106-96-7							X
Bromoxynil	1689-84-5					X		
Butanediol dimethanesulfonate; 1,4	55-98-1	K	1		X	X		
Butylated hydroxyanisole (BHA)	25013-16-5							X
Butyrolactone; beta	96-48-0		2B					
Cadmium	7440-43-9	S	1					
Cadmium chloride	10108-64-2	S						
Cadmium compounds	NA		1					
Cadmium oxide	1306-19-0	S						
Cadmium sulphate	10124-36-4	S						
Cadmium sulphide	1306-23-6	S						
Caffeic acid	331-39-5							X
Calcium arsenate	7778-44-1	K			X			
Calcium arsenite	15194-98-6	K						
Calcium carbide	75-20-7							X
Calcium chromate	13765-19-0	K						
Calcium cyanide	592-01-8						X	

Calcium Hydride	232-189-2							X
Calcium nitrate	10124-37-5							X
Calcium phosphide	1305-99-3							X
Captafol	2425-06-1		2A					
Carbofuran	1563-66-2						X	
Carbon black	1333-86-4							X
Carbon disulfide	75-15-0					XFM	X	
Carbon monoxide	630-08-0					X		
Carbon tetrachloride	56-23-5	S	2B					
Carbonic dichloride, see phosgene								
Carbonyl chloride; see phosgene								
Carbonyl sulfide	463-58-1							X
Carboplatin	41575-94-4					X		
Carbosulfan	55285-14-8						X	
Carmustine; see bis chloroethyl nitrosourea								
Carrageenan	2593-40-5							X
Carrageenan, degraded	9000-07-1		2B					
Catechol	120-80-9							X
CCNU	13010-47-4	S	2A			X		
CCNU; methyl	13909-09-6	K	1					
Ceramic fibers, respirable size	NA	S						
Cesium	7440-46-2							X
Chenodiol	474-25-9					X		
Chlorambucil	305-03-3	K	1			X		
Chloramphenicol	56-75-7		2A					
Chlorcyclizine hydrochloride	1620-21-9					X		
Chlordane	57-74-9		2B					
Chlordecone (Kepone)	143-50-0							X
Chlordiazepoxide	58-25-3					X		
Chlordiazepoxide hydrochloride	488-41-5					X		
Chlorendic acid	115-28-6	S	2B					
Chlorinated camphene	8001-35-2	S	2B					
Chlorinated paraffins; certain	108171-26-2	S	2B					
Chlorine	7782-50-5							X
Chlorine dioxide	10049-04-4							X
Chlorine pentafluoride	13637-63-3							X
Chlorine trifluoride	7790-91-2							X
Chloro-2,3-epoxypropane; 1; see epichlorohydrin								
Chloro-2-methylpropene; 3	563-47-3	S						

Chloroacetaldehyde	107-20-0						X	
Chloroacetone, stabilized	78-95-5							X
Chloroacetyl Chloride	79-04-9							X
Chloroaniline; p-	106-47-8		2B				X	
Chlorobiphenyls	NA				X			
Chlorobutadiene (Chloroprene)	126-99-8							X
Chlorodiphenyl (54% chlorine); see aroclor 1254								
Chloroethylene; see vinyl chloride								
Chloroform	67-66-3	S	2B					
Chloromethyl ether (Methane, oxybis[chloro-])	542-88-1							X
Chloromethyl methyl ether	107-30-2	K	1	X				
Chloro-o-phenylenediamine; 4	95-83-0	S	2B					
Chloro-o-toluidine; p-; & its salts	95-69-2		2A					
Chlorophenols	NA		2B					
Chlorophenols (polychlorophenols)	95-7-8							X
Chlorophenoxy herbicides	NA		2B					
Chloropicrin	76-06-2							X
Chloroprene	126-99-8							X
Chloropropionitrile; 3	542-76-7						X	
Chlorosulfonic acid	7790-94-5							X
Chlorothalonil	1897-45-6							X
Chlorotrifluoroethylene	79-38-9							X
Chlorozotocin	54749-90-5		2A					
Chromium (VI) compounds, insoluble NOC	NA		1					
Chromium (VI) compounds, water soluble NOC	NA		1					
Chromium [VI] Compunds	7440-47-3							X
Chromium Hexavalent Compounds	18540-29-9							X
Chromium III	7440-47-3	K	1					
Chromium trioxide	1333-82-0	K						
Chrysene	218-01-9							X
CI Acid Red 114	6459-94-5							X
CI Basic Red 9	569-61-9							X
CI Direct Blue 15	2429-74-5							X
Ciclosporin	79217-60-0							X
Cisplatin	15663-27-1	S	2A					
Cis-retinoic acid; 13	4759-48-2				X			
Citrus Red #2	63585-53-8		2B					
Clomiphene citrate	50-41-9					X		
Clorazepate dipotassium	57109-90-7					X		

Clostridium perfringens, epsilon toxin	68-86-8							X
Coal tar	8007-45-2		1					
Coal tar pitch	65996-93-2		1					
Cobalt & compounds	7440-48-4		2B					
Cobalt hydrocarbonyl	16842-03-8							X
Cobalt sulfate	10026-24-1							X
Colchicine	64-86-8					XM		
Concanavalin A	11028-71-0							X
Conotoxin GI	76862-65-2							X
Conotoxin GIV	81133-24-6							X
Conotoxins	107452-89-1							X
Copper cyanide	544-92-3						X	
Coumarin anticoagulants	NA				X			
Coumarin, 3-(alpha-acetonylbenzyl)-4-hydroxy-	81-81-2							X
Creosotes	NA		2A					
Cresidine; p-	120-71-8	S	2B					
Cristobalite, see silica-chrystalline								
Crotonaldehyde (2-Butenal)	4170-30-3							X
Crystalline Silica	14808-60-7							X
Cumene	98-82-8							X
Cumene Hydroperoxide	80-15-9							X
Cumene peroxide	80-43-3							X
Cumenyl methylcarbamate; m-	64-00-6						X	
Cupferran	135-20-6	S						
Cyanazine	21725-46-2					X		
Cyanides (soluble cyanide salts); NOC	NA						X	
Cyanogen	460-19-5						X	
Cyanogen bromide	506-68-3							X
Cyanogen chloride	506-77-4						X	
Cyanuric Fluoride	675-14-9							X
Cycasin	14901-08-7		2B					
Cyclohexene	110-83-8							X
Cycloheximide	66-81-9					X		
Cyclohexyl isocyanate	3173-53-3							X
Cyclohexyl-4;6-dinitrophenol; 2	131-89-5						X	
Cyclooctene	931-88-4							X
Cyclopenta [cd] pyrene	27208-37-3							X
cyclopentadiene	542-92-7							X
Cyclopentene	142-29-0							X

Cyclophosphamide; anhydrous	50-18-0	K	1		X	XFM		
Cyclophosphamide; hydrated	6055-19-2					XFM		
Cyclosporin	79217-60-0		1					
Cyclosporin A	59865-13-3							X
Cyclotetramethylenetetranitramine (HMX)	2691-41-0							X
Cyclotrimethylenetrinitramine (RDX) (Hexolite)	121-82-4							X
Cyhexatin	13121-70-5					X		
Cytarabine	147-94-4					X		
Cytomegalovirus	NA				X			
Dacarbazine	891-98-6	S	2B					
Danazol	17230-88-5					X		
Dantron	117-10-2		2B					
Daunomycin	20830-81-3		2B					
Daunorubicin hydrochloride	23541-50-6					X		
DDT (Dichlorodiphenyl trichloroethane)	50-29-3	S	2B					
Decahydronaphthalene	91-17-8							X
Demeclocycline hydrochloride; internal use	64-73-3					X		
Deoxytetrodotoxin	7724-41-6							X
di(2-Ethylhexyl) Phthalate	117-81-7							X
Diacetoxyscirpenol	2270-40-8							X
Diacetylanhydrotetrodotoxin	13285-84-2							X
Diacetylbenzidine; N,N'-	613-35-4		2B					
Diacetylene	460-12-8							X
Diaminoanisole sulfate; 2 4	39156-41-7	S						
Diaminoanisole; 2 4	615-05-4		2B					
Diaminodiphenyl ether; 4 4'; see 4,4'oxydianiline								
Diaminotoluene; 2 4	95-80-7	S	2B					
Dianisidine; o; see 3,3' dimethoxybenzidine								
Diatomaceous earth; see silica-amorphous								
Diazepam	439-14-5					X		
Diazoaminobenzene	136-35-6							X
Diazodinitrophenol	87-31-0							X
Dibenz [a,h]anthracene	53-70-3							X
Dibenz(a,h)acridine	226-36-8	S	2B					
Dibenz(a,h)anthracene	53-70-3	S						
Dibenz(a,j)acridine	224-42-0	S	2B					
Dibenz[a,h]acridine	226-36-8							X
Dibenz[a,j]acridine	224-42-0							X
Dibenzanthracene	53-70-3		2A					

Dibenzo(a,e)pyrene	192-65-4	S	2B					
Dibenzo(a,h)pyrene	189-64-0	S	2B					
Dibenzo(a,i)pyrene	189-55-9	S	2B					
Dibenzo(a,l)pyrene	191-30-0	S	2B					
Dibenzo(c,g)carbazole	194-59-2	S						
Dibenzo[a,e]pyrene	192-65-4							X
Dibenzo[a,h]pyrene	189-64-0							X
Dibenzo[a,i]pyrene	189-55-9							X
Dibenzo[a,l]pyrene	191-30-0							X
Dibenzo[c,g]carbazole; 7H	194-59-2		2B					
Dibenzyl ether	103-50-4							X
Diborane	19287-45-7							X
Dibromo-3-chloropropane; 1, 2	96-12-8	S	2B			M		
Dibromoethane; 1, 2; see ethylene dibromide								
Dichloro-4,4'-diaminodiphenyl ether; 3, 3'	28434-86-8		2B					
Dichloroacetic acid	79-43-6							X
Dichlorobenzene; p-	106-46-7	S	2B					
Dichlorobenzidine dihydrochloride; 3, 3'	612-83-9	S						
Dichlorobenzidine salts; 3, 3'	91-94-1			X				
Dichlorobenzidine; 3, 3'	91-94-1	S	2B	X				
Dichlorodiphenyltrichloroethane; see DDT								
Dichloroethylene; 1, 1; see vinylidene chloride								
Dichloromethane; see methylene chloride								
Dichloromethyl ether; see bis (chloromethyl) ether								
Dichlorophenylarsine	696-28-6						X	
Dichloropropene; 1, 3; technical grade	542-75-6	S	2B					
Dichlorosilane	4109-96-0							X
Dichlorvos	62-73-7		2B					
Dicumarol	66-76-2					X		
Dicyclopentadiene	77-73-6							X
Dieldrin	60-57-1						X	
Diepoxybutane	1464-53-5	S	2B					
Diethyl Ether	60-29-7							X
Diethyl Mercury	627-44-1							X
Diethyl O-pyrazinyl phosphorothioate; o o	297-97-2						X	
Diethyl sulfate	64-67-5	S	2A					
Diethyl Zinc	557-20-0							X
Diethylarsine	692-42-2						X	
Diethylene dioxide; see dioxane								

Diethylene glycol diemethyl ether	111-96-6							X
Diethylhydrazine; 1, 2	1615-80-1		2B					
Diethyl-p-nitrophenyl phosphate	311-45-5						X	
Diethylstilbestrol	56-53-1	K	1		X	X		
Diethylzinc	557-20-0							X
Diglycidyl ether (DGE)	123-63-9							X
Diglycidyl resorcinol ether	101-90-6	S	2B					
Dihydrosafrole	94-58-6		2B					
Diisobutylaluminum Hydride	1191-15-7							X
Diisopropyl Mercury	1071-39-2							X
Diisopropyl sulfate	10/6/2973		2B					
Diketene	674-82-8							X
Dimethanonaphth [2,3-b]oxirene...	172-20-8						X	
Dimethanonaphthalene; 1,2,3,4,10,10-...	465-73-6						X	
Dimethoate	60-51-5						X	
Dimethoxybenzidine dihydrochloride; 3, 3'	20325-40-0	S						
Dimethoxybenzidine; 3, 3'	119-90-4	S	2B					
Dimethyl mercury	593-74-8							X
Dimethyl sulfate	77-78-1	S	2A					
Dimethyl-4-heptanone; see diisobutyl ketone; 2, 6								
Dimethylaluminum Chloride	1184-58-3							X
Dimethylaminoazobenzene; p-	60-11-7	S	2B	X				
Dimethylaniline; 2, 6	87-62-7		2B					
Dimethylbenzidine; 3, 3'	119-93-7	S	2B					
Dimethylcarbamoyl chloride	79-44-7	S	2A					
Dimethyldichlorosilane	75-78-5							X
Dimethylhydrazine; 1, 1	57-14-7	S	2B					
Dimethylhydrazine; 1, 2	540-73-8		2B					
Dimethylmercury	593-74-8				X			
Dimethylnitrosoamine; see N-Nitrosodimethylamine								
Dimethylphenethylamine; alpha, alpha	122-09-8						X	
Dimethylvinyl chloride	513-37-1	S						
Dimethylzinc	544-97-8							X
Dimetilan	644-64-4						X	
Dinitrobenzene; meta	99-65-0					M		
Dinitrobenzene; ortho	528-29-0					M		
Dinitrobenzene; para	100-25-4					M		
Dinitrogen tetroxide	10544-72-6							X
Dinitro-o-cresol; & salts	534-52-1						X	

Dinitrophenol; 2, 4	51-28-5						X	
Dinitroresorcinol	35860-51-6							X
Dinitrotoluene	25321-14-6							X
Dinocap	39300-45-3					X		
Dinoseb	88-85-7					XM	X	
Dioxane	123-91-1	S						
Diphenylhydantoin; see phenytoin								
Diphenylmethane diisocyanate; see methylene bis...								
Diphenylphosphine	829-85-6							X
Dipicrylamine	131-73-7							X
Dipropyl Mercury	628-85-3							X
Direct Black #38	1937-37-7	S	2A					
Direct Blue #6	2602-46-2	S	2A					
Direct Brown #95	16071-86-6		2A					
Di-sec octyl phthalate	117-81-7	S	2B					
Disodium hydrogen arsenate	10048-95-0	K						
Disperse blue 1	2475-45-8		2B					
Disulfoton	298-04-4						X	
Dithiobiuret	541-53-7						X	
Dithiolane-2-carboxaldehyde; 2, 4-dimethyl-...	26419-73-8						X	
Divinyl Acetylene	821-08-9							X
Divinyl Ether	109-93-3							X
Dodecanoyl peroxide	105-74-8							X
Doxycycline calcium; internal use	94088-85-4					X		
Doxycycline hyclate; internal use	24390-14-5					X		
Doxycycline monohydrate; internal use	17086-28-1					X		
Doxycycline; internal use	564-25-0					X		
e								
Endosulfan	115-29-7						X	
Endothall	145-73-3						X	
Endrin	72-20-8						X	
Endrin; & metabolites	NA						X	
Epichlorohydrin	106-89-8	S	2A					
Epinephrine	51-43-4						X	
Epoxy-1-propanol; 2, 3; see Glycidol								
Epoxypropane; 1, 2; see Propylene oxide								
Ergotamine tartrate	379-79-3					X		
Erionite	66733-21-9	K	1					
Erythritol tetranitrate (PETN)	78-11-5							X

Estrogens (not conjugated); estradiol-17 beta	50-28-2	S						
Estrogens (not conjugated); estrone	53-16-7	S						
Estrogens (not conjugated); ethinylestradiol	57-63-6	S				X		
Estrogens (not conjugated); mestranol	72-33-3	S				X		
Estrogens; conjugated	NA	K				X		
Ethanedinitrile	460-19-5						X	
Ethoxyethanol; 2; (cellosolve)	110-80-5					XM		
Ethoxyethyl acetate; 2; (cellosolve acetate)	111-15-9					XM		
Ethoxytetradotoxin	7724-40-5							X
Ethyl acrylate	140-88-5	S	2B					
Ethyl carbamate (Urethane)	51-79-6							X
Ethyl chloroformate	541-41-3							X
Ethyl chlorothioformate	2941-64-2							X
Ethyl cyanide; see propanenitrile								
Ethyl methanesulfonate	62-50-0	S	2B					
Ethyl vinyl ether	109-92-2							X
Ethylaluminum Dichloride	563-43-9							X
Ethylbenzene	100-41-4							X
Ethyldichloroarsine	598-14-1							X
Ethylene dibromide	106-93-4	S	2A					
Ethylene dichloride	107-06-2	S						
Ethylene Glycol Dimethyl Ether	110-71-4							X
Ethylene glycol methyl acetate; see methyl cell...								
Ethylene glycol monoethyl ether; see 2-Ethoxyet...								
Ethylene glycol monomethyl ether	109-86-4							X
Ethylene glycol monomethyl ether; see 2-Methoxy...								
Ethylene oxide	75-21-8	S	1			F		
Ethylene thiourea	96-45-7	S	2B			X		
Ethyleneimine (Aziridine)	151-56-4							X
Ethylenimine; see aziridine								
Ethylmagnesium Bromide	925-90-6							X
Ethyl-N-nitrosourea; N-; see nitroso-n-ethylur...								
Etoposide	33419-42-0					X		
Etretinate	54350-48-0				X	X		
Explosives	Various							X
Famphur	52-85-7						X	
Flourouracil	51-21-8					X		
Fluorine	7782-41-4						X	
Fluoroacetamide	640-19-7						X	

Fluorouracil; 5	51-21-8				X			
Fluoxymesterone	76-43-7					X		
Formaldehyde	50-00-0		2A					
Formetanate hydrochloride.	23422-53-9						X	
Formparanate.	17702-57-7						X	
Fumonisin B1	116355-83-0							X
Furan	110-00-9							X
Gallium arsenide	1303-00-0							X
Germane	7782-65-2							X
Glass, fibrous or dust; see glasswool								
Glasswool; respirable size	NA	S						
Glu-P-1(2-amino-6-methyldipyrdo[1,2-a:3',2'-d]...	67730-11-4		2B					
Glu-P-2(2-aminodipyrdo[1,2-a:3',2'-d]imidazole	67730-10-3		2B					
Glycidaldehyde	765-34-4		2B					
Glycidol	556-52-5	S						
Glycidyl n-butyl ether	192-33-7							X
Glycol monoethyl ether; see 2-ethoxyethanol								
Griseofulvin	126-07-8		2B					
Gypsum; see calcium sulfate								
Hafnium powder	7440-58-6							X
Halazepam	23092-17-3					X		
HC Blue No. 1	2784-94-3							X
Heptachlor	76-44-8		2B					
Hexachlorobenzene	118-74-1	S	2B			X		
Hexachlorobutadiene	87-68-3							X
Hexachlorocyclohexane	608-73-1	S						
Hexachlorocyclohexane; alpha	319-84-6	S						
Hexachlorocyclohexane; beta	319-85-7	S						
Hexachlorocyclohexane; gamma; see lindane								
Hexachlorocyclohexanes	NA		2B					
Hexachlorocyclopentadiene	77-47-4							X
Hexachloroethane	67-72-1	S						
Hexaethyl tetraphosphate	757-58-4						X	
Hexafluoroacetone	684-16-2							X
Hexamethyl phosphoramidate	680-31-9	S	2B			M		
Hexanitrostilbene	20062-22-0							X
HN2 (nitrogen mustard-2)	51-75-2							X
Hydrazine	302-01-2	S	2B					
Hydrazine sulfate	100-93-2	S						

Hydrazinecarbothioamide	79-19-6						X	
Hydrazobenzene	122-66-7	S						
Hydrogen	1333-74-0							X
Hydrogen bromide (gas)	10035-10-6							X
Hydrogen chloride (gas)	7647-01-0							X
Hydrogen cyanide	74-90-8						X	
Hydrogen fluoride (gas and solutions)	7664-39-3							X
Hydrogen peroxide solutions 35% and greater	7722-84-1							X
Hydrogen phosphide; see phosphine								
Hydrogen selenide	2148-90-9							X
Hydrogen sulfide	2148-87-8							X
Hydroxyanisole; butylated	25013-16-5	S	2B					
Hydroxyurea	127-07-1							X
Indeno (1,2,3 cd) pyrene	193-39-5	S	2B					
Indeno[1,2,3-cd]pyrene	193-39-5							X
Indium phosphide	22398-80-7							X
Insecticides; nonarsenical spraying	NA		2A					
Iodine	7553-56-2							X
Iodine 131	10043-66-0					X		
Iodine pentafluoride	7783-66-6							X
Ionizing radiation	NA				X			
IQ(2-amino-3-methylimidazo[4,5-f]quinoline)	76180-96-6		2B					
Iron dextran complex	9004-66-4	S	2B					
Iron, Pentacarbonyl	13463-40-6							X
Iron-dextran complex	9004-66-4							X
Isobutyl chloroformate	543-27-1							X
isobutyl ether	628-55-7							X
Isobutyronitrile	78-82-0							X
Isodrin	465-73-6						X	
Isolan	119-38-0						X	
Isoprene	78-79-5		2B					
Isopropyl Ether	108-20-3							X
Isopropylchloroformate	108-23-6							X
Isopropylphenyl N-methylcarbamate; 3	64-00-6						X	
Isotretinoin	4759-48-2					X		
Kanechlor 500	25429-29-2	S						
Kepone	143-50-0		2B			X		
Ketene	463-51-4							X
Lasiocarpine	303-34-4		2B					

Lead	7439-92-1		XFM	
Lead acetate	301-04-2	S		
Lead arsenate	7784-40-9	K		
Lead Azide	13424-46-9			X
Lead chromate	7758-97-6	K		
Lead compounds, inorganic	7439-92-1			X
Lead phosphate	7446-27-7	S		
Lead styphnate	15245-44-0			X
Lead, elemental & inorganic compounds	7439-92-1		2B	
Lindane	58-89-9	S		
Liquid Helium	7440-59-7			X
Liquid Nitrogen	7727-37-9			X
Liquid Oxygen	7782-44-7			X
Liquified Gases	Various			X
Lirazepam	846-49-1		X	
Lithium	7439-93-2		X	
Lithium Aluminum Deuteride	14128-54-2			X
Lithium Aluminum Hydride	16853-85-3			X
Lithium borohydride	16949-15-8			X
Lithium carbonate	554-13-2		X	
Lithium citrate	919-16-4		X	
Lithium Foil	7439-93-2			X
Lithium hydride	7580-67-8			X
Lithium nitride	26134-62-3			X
Lithium Ribbon	7439-93-2			X
Lithium Shot	7439-93-2			X
Lithium Triethylborohydride	22560-16-3			X
Lithium Tri-tert-butoxyaluminum Hydride	17476-04-9			X
Lithium Wire	7439-93-2			X
Lovastatin	75330-75-5		X	
Magnesium (powder)	7439-95-4			X
Magnesium diphenyl	555-54-4			X
Magnesium hydride	7693-27-8			X
Magnesium phosphide	12057-74-8			X
Manganese dimethyldithiocarbamate.	15339-36-3			X
Manganese; bis(dimethylcarbamoedithioato-S,S')-...	15339-36-3			X
Mannitol hexanitrate (Nitromannite)	15825-70-4			X
MeA-a-C(2-amino-3-methyl-9H-pyrido[2,3-b]indole	68006-83-7		2B	
Mechlorethamine; see nitrogen mustard				

Medroxyprogesterone acetate	71-58-9		2B			X		
Megestrol acetate	595-33-5					X		
MeIQ (2-Amino-3,4-dimethylimidazo[4,5-f]quinoline)	77094-11-2							X
MeIQx (2-Amino-3,8-dimethylimidazo[4,5-f]quinoxaline)	77500-04-0							X
MEK peroxide (butanone peroxide)	1338-23-4							X
Melphalan	148-82-3	K	1			X		
Menotropins	9002-68-0					X		
Meprobamate	57-53-4					X		
Mercaptopurine	6112-76-1					X		
Mercury	7439-97-6					X		
Mercury fulminate	628-86-4						X	
Mercury; inorganic forms including metallic	NA					X		
Mercury; organic	NA				X	X		
Merphalan	531-76-0		2B					
Methacrylaldehyde	78-85-3							X
Methacrylonitrile (2- Propenenitrile, 2-methyl-)	126-98-7							X
Methacryloyloxyethyl Isocyanate	30674-80-7							X
Methacycline hydrochloride	3963-95-9					X		
Methanamine; N-methyl-N-nitroso-	62-75-9						X	
Methimazole	60-56-0				X	X		
Methiocarb	2032-65-7						X	
Methomyl	16752-77-5						X	
Methotrexate	59-05-2				X	X		
Methotrexate sodium	15475-56-6							X
Methoxsalen w/ultraviolet A therapy	NA	K						
Methoxyethanol; 2	109-86-4					XM		
Methoxyethyl acetate; 2	110-49-6					XM		
Methoxypsoralen; 5	484-20-8		2A					
Methoxypsoralen; 8; plus ultra violet radiation	298-81-7		1					
Methoxytetradotoxin	7724-39-2							X
Methyl Acetylene	74-99-7							X
Methyl and other organic mercury compounds	22967-92-6							X
Methyl bromide	74-83-9							X
Methyl cellosolve ; see 2-methoxyethanol								
Methyl cellosolve acetate; see 2-methoxyethyl...								
Methyl chloroformate	79-22-1							X
Methyl chrysene; 5	3697-24-3	S	2B				X	
Methyl hydrazine	60-34-4						X	
Methyl iso-butyl ketone	108-10-1							X

Methyl isocyanate	624-83-9						X	
Methyl mercaptan	74-93-1							X
Methyl mercury substances	NA				X	X		
Methyl Methacrylate	80-62-6							X
Methyl methanesulfonate	66-27-3		2B					
Methyl parathion	298-00-0						X	
Methyl phosphonic dichloride	676-97-1							X
Methyl vinyl ketone	78-94-4							X
Methyl-1-nitroanthraquinone; 2	129-15-7		2B					
Methylamine	74-89-5							X
Methylaminopterin virus	NA				X			
Methylazoxymethanol & its acetate	NA		2B					
Methylazoxymethanol acetate	592-62-1							X
Methylaziridine; 2	75-55-8		2B					
Methylchlorosilane	993-00-0							X
Methylcyclopentane	96-37-7							X
Methyldichloroarsine	593-89-5							X
Methylene chloride	75-09-2	S	2B					
Methylene dianiline; 4, 4	101-77-9		2B					
Methylene-bis(2-chloroaniline) MOCA; 4, 4'	101-14-4		2A					
Methylene-bis(2-methylaniline); 4, 4'	838-88-0		2B					
Methyleugenol	93-15-2							X
Methyl lactonitrile; 2; see acetone cyanohydrin							X	
Methyl lithium	917-54-4							X
Methyl-N'-nitro-N-nitrosoguanidine; n-; (MNNG)	70-25-7		2A					
Methyl-N-nitrosourea; N-	684-93-5		2A					
Methyl-N-nitrosourethane; N-	6615-53-2		2B					
Methyltestosterone	58-18-4					X		
Methylthiouracil	56-04-2		2B					
Methyltrichlorosilane	75-79-6							X
Metolcarb	1129-41-5						X	
Metronidazole	443-48-1		2B					
Mexacarbamate	315-18-4						X	
Michler's base (4,4'-methylenebis(N,N-dimethyl)benzenami	101-61-1							X
Michler's ketone (4,4'-bis(dimethylamino)benzophenone)	90-94-8							X
Microcystin-LR	101043-37-2							X
Midazolam hydrochloride	59467-96-8					X		
Mineral oils; untreated & mildly treated	NA		1					
Minocycline hydrochloride; internal use	13614-98-7					X		

Mirex	2385-85-5		1					
Misoprostol	59122-46-2					X		
Mitomycin C	50-07-7		2B					
Mitoxantrone	65271-80-9							X
Mitoxantrone hydrochloride	70476-82-3					X		
Monoacetoxyscirpenol	2623-22-5							X
Monocrotaline	315-22-0		2B					
Monomethyl hydrazine; see methyl hydrazine								
Mononitrotoluene	1321-12-6							X
MOPP; specified combined therapies	NA		1					
Morpholinomethyl)-3-[(5-nitrofurfurylidene)...	139-91-3		2B					
MPTP (1-Methyl-4-phenyl-1,2,3,6-tetrahydropyridine)	28289-54-5							X
Mustard gas	505-60-2	K	1					
Mycotoxin HT2	26934-87-2							X
Myleran, see 1,4-Butanediol dimethanesulfonate								
N, N-Bis(2-chloroethyl)-2-naphthylamine (Chlornaphazine)	494-03-1							X
N,N'-Diacetylbenzidine	613-35-4							X
N-[4-(5-Nitro-2-furyl)-2-thiazolyl]acetamide	531-82-8							X
Nafarelin acetate	86220-42-0					X		
Nafenopin	3771-19-5		2B					
Naphthalene	91-20-3							X
Naphthylamine; alpha	134-32-7			X				
Naphthylamine; beta	91-59-8	K	1	X				
Naphthylamine; see naphthylamine; beta 2								
Naphthylthiourea; alpha-	86-88-4						X	
n-Butyl chloroformate	592-34-7							X
n-Butyl Ether	142-96-1							X
n-Butyl isocyanate	111-36-4							X
n-Butyllithium	109-72-8							X
N-Ethyl-N-nitrosoourea	759-73-9							X
Netilmicin	56391-57-2					X		
Nickel carbonyl	13463-39-3						X	
Nickel compounds	7440-02-0							X
Nickel compounds, essentially sulfate & sulfide	NA		1					
Nickel cyanide	557-19-7						X	
Nickel; metal	7440-02-0		2B					
Nicotine	54-11-5					X		
Nicotine; & salts	NA						X	
Niridazole	61-57-4		2B					

Nitric acid	7697-37-2						X
Nitric oxide	10102-43-9					X	
Nitrilotriacetic acid & salts	139-13-9		2B				
Nitro compounds	Various						X
Nitroacenaphthene; 5	602-87-9		2B				
Nitroaniline; p-	100-01-6					X	
Nitrobenzenamine, 4; see nitroaniline, p-							
Nitrobenzene	98-95-3						X
Nitrobiphenyl; 4; see 4-nitrodiphenyl							
Nitrocellulose	9004-70-0						X
Nitrodiphenyl; 4	92-93-3			X			
Nitrofen	1836-75-5	S	2B				
Nitrofurantoin	67-20-9				M		
Nitrogen dioxide	10102-44-0					X	
Nitrogen mustard	51-75-2		2A		X		
Nitrogen mustard hydrochloride	55-86-7	S			X		
Nitrogen mustard N-oxide	126-85-2		2B				
Nitrogen oxide NO	0102-43-9					X	
Nitrogen oxide NO2	0102-44-0					X	
Nitrogen trifluoride	7783-54-2						X
Nitrogen Triiodide	13444-85-4						X
Nitroglycerine	55-63-0					X	
Nitroglycol	628-96-6						X
Nitroguanidine (Picrite)	556-88-7						X
Nitroglycerine	55-63-0						X
Nitromethane	75-52-5						X
Nitropropane; 2	79-46-9	S	2B				
Nitrosodiethanolamine; n-	1116-54-7	S	2B				
Nitrosodiethylamine; n-	55-18-5	S	2A				
Nitrosodimethylamine; n-	62-75-9	S	2A	X		X	
Nitrosodi-n-butylamine; n-	924-16-3	S	2B				
Nitrosodi-n-propylamine; n-	621-64-7	S	2B				
Nitrosomethylethylamine; n-	10595-95-6		2B				
Nitrosomethylvinylamine; n-	4549-40-0	S	2B			X	
Nitrosomorpholine; n-	59-89-2	S	2B				
Nitroso-n-ethylurea; n-	759-73-9	S	2A				
Nitroso-n-methylurea; n-	684-93-5	S					
Nitrosonornicotine; n-	16543-55-8	S	2B				
Nitrosopiperidine; n-	100-75-4	S	2B				

Nitrosopyrrolidine; n-Nitrososarcosine	930-55-2	S	2B					
Nitrososarcosine	13256-22-9	S	2B					
Nitrourea	556-89-8							X
N-Methyl-N'-nitro-N-nitrosoguanidine (MNNG)	70-25-7							X
N-Methyl-N-nitrosourea	684-93-5							X
N-Methyl-N-nitrosourethane	615-53-2							X
N-Nitrosodiethanolamine	1116-54-7							X
N-Nitrosodiethylamine	55-18-5							X
N-nitrosodimethylamine	62-75-9							X
N-Nitrosodi-n-butylamine	924-16-3							X
N-Nitrosodi-n-propylamine	621-64-7							X
N-Nitrosomethylethylamine	10595-95-6							X
N-Nitrosomethylvinylamine	4549-40-0							X
N-Nitrosomorpholine	59-89-2							X
N'-Nitrosonornicotine (NNN)	16543-55-8							X
N-Nitrosopiperidine	100-75-4							X
N-Nitrosopyrrolidine	930-55-2							X
N-Nitrososarcosine	13256-22-9							X
Norethindrone; see norethisterone								
Norethisterone	68-22-4	S				X		
Norethisterone acetate	51-98-9					X		
Norethisterone ethinyl/estradiol	68-22-4					X		
Norethisterone/ mestranol	72-33-3					X		
n-Propyl chloroformate (Nitrosyl chloride)	2696-92-6							X
n-Propyl isocyanate	110-78-1							X
o,o-Diethyl S-[2-(diethylamino)ethyl] phosphorothiolate	78-53-5							X
o-Anisidine Hydrochloride	134-29-2							X
Ochratoxin A	303-47-9	S	2B					
Octamethylpyrophosphoramidate	152-16-9						X	
Oestrogens; nonsteriodal	NA		1					
Oestrogens; steriodal (not all in group)	NA		1					
Oestrone replacement therapy	NA		1					
Oil Orange SS	2646-17-5							X
Oleum (Fuming Sulfuric acid)	8014-95-7							X
Oral contraceptives; combined & sequential	NA		1					
Organic Nitrates	Various							X
Organic Peroxides	Various							X
Organolithium compounds	3/3/8016							X
ortho-Aminoazotoluene	97-56-3							X

ortho-Anisidine	90-04-0							X
ortho-Toluidine	95-53-4							X
Osmium tetroxide	20816-12-0						X	
o-Toluidine Hydrochloride	636-21-5							X
Oxamyl	23135-22-0						X	
Oxazepam	604-75-51					X		
Oxydianiline; 4, 4'	101-80-4	S	2B					
Oxygen Difluoride (Fluorine Monoxide)	7783-41-7							X
Oxymetholone	434-07-1	S	2A					
Oxytetracycline hydrochloride; internal use	2058-46-0					X		
Oxytetracycline; internal use	79-57-2					X		
Ozone	10028-15-6							X
Palygorskite (attapulgite)	12174-11-7							X
Panfuran S	794-93-4							X
Panfuran S; containing dihydroxymethylfuratrizine	NA		2B					
para-Aminoazobenzene	60-09-3							X
para-Chloroaniline	106-47-8							X
para-Cresidine	120-71-8							X
para-Dichlorobenzene	106-46-7							X
Paraformaldehyde	30525-89-4							X
Paramethadione	1156-67-3					X		
Parathion	56-38-2						X	
Parvovirus B-19	NA				X			
p-Chloro-o-toluidine Hydrochloride	3165-93-3							X
Penicillamine	52-67-5				X	X		
Pentaborane	19624-22-7							X
Pentachlorophenol	87-86-5		2B					
Pentobarbital sodium	57-33-0					X		
Peracetic Acid	79-21-0							X
Perchlorates	Various							X
Perchloric Acid	7601-90-3							X
Perchloroethylene	127-18-4	S	2B					
Petroleum refining	NA		2A					
Phenacemide	63-98-9					X		
Phenacetin	62-44-2		2A					
Phenacetin, analgesic mixtures containing	62-44-2	K	1					
Phenazopyridine hydrochloride	136-40-3	S	2B					
Phenobarbital	50-06-6		2B					
Phenol	108-95-2							X

Phenol; 2-cyclohexyl-4, 6-dinitro-	131-89-5						X	
Phenolphthalein	77-09-8							X
Phenoxybenzamine hdrochloride	63-92-3	S	2B					
Phenprocoumon	435-97-2					X		
Phenyl glycidyl ether (PGE)	122-60-1		2B					
Phenyl isocyanate	103-71-9							X
Phenyl mercaptan	108-98-5						X	
Phenyllithium	591-51-5							X
Phenylmercury acetate	62-38-4						X	
Phenylphosphine	638-21-1							X
Phenylthiourea	103-85-5						X	
Phenytoin	57-41-0	S	2B		X	X		
PhIP (2-Amino-1-methyl-6-phenylimidazo[4,5-b]pyridine)	105650-23-5							X
Phorate	298-02-2						X	
Phosgene	75-44-5						X	
Phosphine	7803-51-2						X	
Phosphoric acid; diethyl 4-nitrophenyl ester	311-45-5						X	
Phosphorofluoridic acid; bis(1-methylethyl) ester	55-91-4						X	
Phosphorus oxychloride (Phosphoryl chloride)	10025-87-3							X
Phosphorus pentafluoride	7647-19-0							X
Phosphorus trichloride	2125-68-3							X
Phosphorus white	7723-14-0							X
Physostigmine	57-47-6						X	
Physostigmine salicylate	57-64-7						X	
Picramic acid	96-91-3							X
Picramide (2,4,6-trinitrotoluene)	489-98-5							X
Picric acid (trinitrophenol)	88-89-1							X
Picryl chloride	88-88-0							X
Pipobroman	54-91-1					X		
Plicamycin	18378-89-7					X		
Plumbane; tetraethyl-; see tetraethyl lead								
Polybrominated biphenyls	922-66-0	S				X		
Polychlorinated biphenyls	1336-36-3	S	2B			X		
Polychlorinated biphenyls (PCBs) - all forms	1336-36-3							X
Ponceau 3R	3564-09-8		2B					
Ponceau MX	3761-53-3		2B					
Potassium Amide	17242-52-3							X
Potassium arsenate	7784-41-0	K						
Potassium arsenite	13464-35-2	K						

Potassium borohydride	13762-51-1						X
Potassium bromate	7758-01-2		2B				
Potassium cyanide	151-50-8					X	
Potassium Metal	7440-09-7						X
Potassium peroxide	17014-71-0						X
Potassium phosphide	20770-41-6						X
Potassium silver cyanide	506-61-6					X	
Potassium sodium alloys, liquid	11135-81-2						X
Potassium superoxide	12030-88-5						X
Potassium Tert-butoxide	865-47-4						X
Procarbazine hydrochloride	366-70-1	S	2A		X		
Progesterone	57-83-0	S					
Progestins	NA		2B				
Promecarb	2631-37-0					X	
Propane sultone; 1, 3	1120-71-4	S	2B				
Propanenitrile	107-12-0					X	
Propanone; 1-bromo-2, see bromoacetone							
Propargyl alcohol	107-19-7					X	
Propenal; 2; see acrolein							
Propiolactone; beta	57-57-8	S	2B	X			
Propylene imine	75-55-8					X	
Propylene oxide	75-56-9	S	2B				
Propyleneimine (Aziridine, 2- methyl-)	75-55-8						X
Propylenimine; 1, 2; see propylene imine							
Propylthiouracil	51-52-5	S	2B		X		
Pyridinamine; 4; See 4-aminopyridine							
Pyridine; 3-(1-methyl-2-pyrrolidinyl)-; (S)-...	54-11-5					X	
Quartz; see silica; crystalline							
Radon	10043-92-2	K					
Radon-222	10043-92-2						X
Reserpine	50-55-5	S					
Retinoic acid	302-79-4				X		
Retinol/retinyl esters; >10k IU/day	NA				X		
Ribavirin	36791-04-5				X		
Ricin	9009-86-3						X
Ricin A	96638-28-7						X
Ricin D (alanine-chain protein moiety)	72514-84-2						X
Ricin D (isoleucine-chain reduced)	66419-04-3						X
Ricin isolates	9009-86-3						X

Ricins, D	2608-17-1							X
Riddelliine	23246-96-0							X
Rubella virus	NA				X			
Rubidium	7440-17-7							X
Saccharin	128-44-9	S	2B					
Safrole	94-59-7	S	2B					
Sarin	107-44-8							X
Saxitoxin	35523-89-8							X
Saxitoxin hydrate	11017-04-2							X
Saxitoxin hydrochloride	35554-08-6							X
Saxitoxin p-bromobenzenesulfonate	55803-45-7							X
Saxitoxins	35523-89-8							X
sec-Butyl chloroformate	17462-58-7							X
sec-Butyllithium	598-30-1							X
Secobarbitol sodium	309-43-3					X		
Selenium hexafluoride	7783-79-1							X
Selenium sulfide	7446-34-6	S						
Selenourea	630-10-4						X	
Shiga Toxin	75757-64-1							X
Silica; crystalline; cristobalite	14464-46-1		2A					
Silica; crystalline; quartz; respirable	14808-60-7	S	2A					
Silica; crystalline; tripoli	1317-95-9		2A					
Silicon tetrachloride	10026-04-7							X
Silicon tetrafluoride	7783-61-1							X
Silver cyanide	506-64-9						X	
Soapstone dust; see talc, containing no asbestos								
Sodium Amide	7782-92-5							X
Sodium arsenate	7631-89-2	K						
Sodium arsenite	7784-46-5	K						
Sodium azide	26628-22-8						X	
Sodium Borohydride	16940-66-2							X
Sodium chlorate	2146-05-3							X
Sodium chlorite	7758-19-2							X
Sodium cyanide	144-33-9						X	
Sodium Cyanoborohydride	25895-60-7							X
Sodium dithionite (Sodium hydrosulphite)	7775-14-6							X
Sodium fluoroacetate	62-74-8						X	
Sodium Hydride	7646-69-7							X
Sodium Metal	7440-23-5							X

Sodium ortho-phenylphenate	132-27-4		2B				
Sodium perchlorate	7601-89-0						X
Sodium peroxide	1313-60-6						X
Sodium phosphide	24167-76-8						X
Sodium picramate	831-52-7						X
Sodium superoxide	12034-12-7						X
Solar radiation			1				
Stannic phosphide	25324-56-5						X
Staphylococcal enterotoxins	37337-57-8						X
Staphylococcus enterotoxin B	11100-45-1						X
Sterigmatocystin	10048-13-2		2B				
Steroids; androgenic (anabolic)	NA		2A		XFM		
Stibine	7803-52-3						X
Streptozotocin	18883-66-4	S	2B				
Strontium chromate	232-142-6	K					
Strontium phosphide	12504-13-1						X
Strychnidin-10-one; & salts	57-24-9					X	
Strychnine	57-24-9					X	
Styrene	100-42-5		2B				
Styrene oxide	96-09-3		2A				
Sulfallate	95-06-7	S	2B				
Sulfur Pentafluoride	5714-22-7						X
Sulfuric acid	7664-93-9						X
Sulfuryl chloride	7791-25-5						X
Sulfuryl fluoride	2699-79-8						X
T2 toxin	21259-20-1						X
Talc; containing asbestos; see asbestos			1				
Tamoxifen	54965-24-1				X		
t-Butyl hydroperoxide	75-91-2						X
Tellurium hexafluoride	7783-80-4						X
Temazepam	846-50-4				X		
Teniposide	29767-20-2						X
TEPP; see tetraethylpyrophosphate							
tert-Butyl hypochlorite	507-40-4						X
tert-Butyl isocyanate	1609-86-5						X
tert-Butyllithium	594-19-4						X
Testosterone cypionate	58-20-8				X		
Testosterone enanthate	315-37-7				X		
Tetrachlorodibenzo-p-dioxin (TCDD); 2, 3, 7, 8	1746-01-6	S	2B		X		

Tetrachloroethylene	127-18-4							X
Tetrachloroethylene, see perchloroethylene								
Tetrachloromethane; see carbon tetrachloride								
Tetracycline hydrochloride; internal use	64-75-5					X		
Tetracycline; internal use	60-54-8					X		
Tetraethyl lead	78-00-2						X	
Tetraethyl pyrophosphate	107-49-3						X	
Tetrafluoroethylene	116-14-3							X
Tetrahydrofuran	109-99-9							X
Tetrahydronaphthalene	119-64-2							X
Tetralin	119-64-2							X
Tetramethyl lead	75-74-1							X
Tetramethyl orthosilicate	681-84-5							X
Tetranitroaniline	3698-54-2							X
Tetranitromethane	509-14-8	S					X	
Tetrodaminotoxin	7724-38-1							X
Tetrodotoxin	4368-28-9							X
Tetrodotoxin citrate	18660-81-6							X
Tetrodotoxins	4368-28-9							X
Thalidomide	50-35-1				X	X		
Thallic oxide	1314-32-5						X	
Thallium(I) selenite	12039-52-0						X	
Thallium(I) sulfate	7446-18-6						X	
Thioacetamide	62-55-5	S	2B					
Thiodianiline; 4, 4'	139-65-1		2B					
Thiofanox	39196-18-4						X	
Thioguanine	154-42-7					X		
Thioimidodicarbonic diamide [(H2N)C(S)]2NH	541-53-7						X	
Thionyl chloride	2125-59-7							X
Thiophenol; see phenyl mercaptan								
Thiophosgene	463-71-8							X
Thiosemicarbazide	79-19-6						X	
Thiotepa	52-24-4							X
Thiotepa; see tris (1-aziridiny) phosphine sul...								
Thiouracil	141-90-2							X
Thiourea	62-56-6	S	2B					
Thiourea; (2-chlorophenyl)-	5344-82-1						X	
Thorium dioxide	1314-20-1	K						
Tirpate	26419-73-8						X	

Titanium (III) Chloride	7705-07-9							X
Titanium dioxide	13463-67-7							X
Titanium powder	7440-32-6							X
Titanium tetrachloride	7550-45-0							X
Titanium trichloride	2120-42-4							X
Tobramycin sulfate	49842-07-1					X		
Tolidine; o-; see 3,3-dimethylbenzidine								
Toluene	108-88-3							X
Toluene diisocyanate	26471-62-5	S						
Toluene diisocyanates	NA		2B					
Toluene-2,4-diisocyanate (unspecified isomer)	584-84-9							X
Toluenes; chlorinated	NA		2B					
Toluidine hydrochloride; o-	636-21-5	S						
Toluidine; o-	95-53-4	S	2B					
Toluol; see toluene								
Toxaphen	8001-35-2							X
Toxaphene; see chlorinated camphene							X	
Toxoplasmosis	NA				X			
Trans-2-[(dimethylamino)methylamino]-5-[2-(5-ni...	55738-54-0		2B					
trans-2-[(Dimethylamino)methylimino]-5-[2-(5-nitro-2-furyl)-v	25962-77-0							X
Tremolite; asbestiform; see asbestos								
Treosulfan	299-75-2		1					
Triazolam	28911-01-5					X		
Tributylphosphine	998-40-3							X
Trichlormethine (Trimustine hydrochloride)	817-09-4							X
Trichloroethylene	79-01-6							X
Trichloromethane; see chloroform								
Trichloromethanethiol	75-70-7						X	
Trichlorophenol; 2, 4, 6	88-06-2	S						
Trichothecin	6379-69-7							X
Tricothecene mycotoxins	21259-20-1							X
Tricyclohexyltin hydroxide; see cyhexatin								
Tridymite; see silica								
Trilostane	13647-35-3					X		
Trimethadione	127-48-0				X	X		
Trimethoxysilane	2487-90-3							X
Trimethylchlorosilane	75-77-4							X
Trimetrexate glucuronate	82952-64-5							X
Tri-n-Butylphosphine	998-40-3							X

Trinitroaniline	26952-42-1							X
Trinitroanisole	606-35-9							X
Trinitrobenzene	99-35-4							X
Trinitrobenzoic acid	129-66-8							X
Trinitronaphthalene	2243-94-9							X
Trinitrophenetol	4732-14-3							X
Trinitroresorcinol	82-71-3							X
Trinitrotoluene (TNT)	118-96-7							X
Tris (1-aziridiny) phosphine sulfide	52-24-4	S	1					
Tris (2,3-dibromopropyl) phosphate	126-72-7	S	2A					
Tritonal	54413-15-9							X
Trp-P-1(3-amino-1,4-dimethyl-5H-pyrido[4,3-b]...	62450-06-0		2B					
Trp-P-2(3-amino-1-methyl-5H-pyrido[4,3-b]indole	62450-07-1		2B					
Trypan blue (commercial grade)	72-57-1		2B					
Tungsten hexafluoride	7783-82-6							X
Ultraviolet Radiation; A,B,& C, including sunlamps	NA		2A					
Uracil mustard	66-75-1		2B			XFM		
Urea nitrate	124-47-0							X
Urea Peroxide	124-43-6							X
Urethane	51-79-6	S	2B			X		
Urofollitropin	26995-91-5					X		
Valine, 3-mercapto-, D-	52-67-5							X
Valproate; see valproic acid								
Valproic acid	99-66-1				X	X		
Vanadium pentoxide	1314-62-1						X	
Venezuelan equine virus	NA				X			
Vinblastine sulfate	143-67-9					X		
Vincristine sulfate	2068-78-2					X		
Vinyl Acetate	108-05-4							X
Vinyl Acetylene	689-97-4							X
Vinyl benzene; see styrene								
Vinyl bromide	593-60-2		2A					
Vinyl chloride	75-01-4	K	1					
Vinyl cyanide; see acrylonitrile								
Vinyl cyclohexene diepoxide; 4	106-87-6	S	2B					
Vinyl cyclohexene; 4	100-40-3		2B					
Vinyl Ethers	Various							X
Vinyl fluoride	75-02-5							X
vinyl iso butyl ether	109-53-5							X

Vinyl Pyradine	100-69-6		X
vinyl pyridine	1337-81-1		X
Vinylidene Chloride	75-35-4		X
Warfarin	81-81-2	X	
Welding fumes	NA	2B	
Xylidene; 2, 6 see 2,6-dimethylaniline			
Zalcitabine	7481-89-2		X
Zidovudine (AZT)	30516-87-1		X
Zinc chromate	13530-65-9	K	
Zinc cyanide	557-21-1		X
Zinc Metal - Dust	7440-66-6		X
Zinc phosphide	1314-84-7		X
Zinc Powder	7440-66-6		X
Zinc; bis(dimethylcarbamoedithioato-S;S')-;	137-30-4		X
Zirconium powder	7440-67-7		X