

Augusta University High Hazard Chemicals

The [OSHA Laboratory Standard](#) requires that provisions for additional employee protection be included for work involving particularly hazardous chemicals. These chemicals include “select carcinogens”, reproductive toxins, and other chemicals which have a high degree of acute toxicity. Each chemical, compound, drug, functional group or category listed in this document is considered High Hazard Chemicals by Augusta University.

The OSHA Laboratory Standard states for work involving particularly hazardous chemicals, specific consideration be given to the following provisions where appropriate:

- Establishment of a designated area
- Use of containment devices such as fume hoods or glove boxes
- Procedures for safe removal of contaminated waste
- Decontamination procedures

Environmental Health and Safety can assist researchers by providing information on working with these hazardous chemicals. General guidelines and recommendations for the safe handling, use, and control of hazardous chemicals and particularly hazardous chemicals can be found in SDSs and other references such as Augusta University’s Chemical Safety Guide and **Prudent Practices in the Laboratory**.

Establishment of a Designated Area

For projects involving use of any chemical included in Augusta University's High Hazard Chemicals, laboratories should establish a designated area where these chemicals will be used. In some cases, a designated area could be a room out of a suite of rooms, or could mean a fume hood within a laboratory. The idea is to designate one area that everyone in the laboratory is aware of where the high hazard chemicals can be used.

In certain cases of establishing designated areas, Principal Investigators (PIs) and laboratory supervisors may want to restrict use of high hazard chemical to a fume hood, glove box or other containment device. This information should be included as part of the laboratory’s SOPs and covered during the lab and project-specific training.

Establishing a designated area not only provides better employee protection, but can help minimize the area where potential contamination of high hazard chemicals could occur. If a designated area is established, a sign should be posted (on a fume hood for example) indicating the area is designated for use with high hazard chemicals. Most designated areas will have special PPE requirements and/or special waste and spill cleanup procedures as well. These and other special precautions should be included within the lab’s SOPs.

Safe Removal of Contaminated Materials and Waste

Some high hazard chemicals may require special procedures for safe disposal of both waste and/or contaminated materials including collecting in special colored bags. When in doubt, contact EHS at 706-721-2663 to determine proper disposal procedures. Once these disposal procedures have been identified, they should be included as part of the laboratory's SOPs and everyone working in the lab should be trained on those procedures.

Decontamination Procedures

Some high hazard chemicals may require special decontamination or deactivation procedures (such as Diaminobenzidine waste or Ethidium bromide) for safe handling. Review SDSs and the Augusta University Chemical Safety Office website when working with high hazard chemicals to determine if special decontamination procedures are required. If they are required, then this information should be included in the laboratory's SOPs and appropriate training provided to laboratory personnel who work with these chemicals.

OSHA Particularly Hazardous Substances

Select carcinogens, reproductive toxins, and chemicals with high acute toxicity (also known as "highly toxic") are considered to be high-risk materials and are treated by OSHA as "Particularly Hazardous Substances". Additional provisions for working with Particularly Hazardous Substances are described in the Chemical Safety Guide.

Carcinogens

Carcinogens are chemicals or physical agents that cause cancer or tumor development, typically after repeated or chronic exposure. Their effects may only become evident after a long latency period and may cause no immediate harmful effects. NOTE: "Select carcinogens", as previously mentioned, also include those chemicals that are considered suspect carcinogens.

Chemotherapeutic/Antineoplastic Agents

Exposure to chemotherapeutic agents pose a health hazard to lab and animal workers and any waste contaminated with any of these agents must be incinerated in compliance with Georgia EPD regulations. The List of Chemotherapeutic Agents include:

Arsenic (III) Oxide	Daunomycin	Streptozotocin
Azaserine	Hydrochloride	Uracil Mustard
Chlorambucil	Melphalan	
Cychlophosphamide	Mitomycin	

The complete NIOSH List of Antineoplastic and Other Hazardous Drugs in Healthcare Settings 2016 is at, <https://www.cdc.gov/niosh/docs/2016-161/pdfs/2016-161.pdf>

Reproductive Toxins

Reproductive toxins include substances that cause chromosomal damage (mutations) or lethal or malformation effects on fetuses (teratogenesis). Many reproductive toxins cause damage after repeated low-level exposures. Effects become evident after long latency periods.

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	
Bis-Chloroethyl nitrosourea (BCNU) (Carmustin)	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

CHEMICAL NAME	CAS NUMBER
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
Melphalam	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

CHEMICAL NAME	CAS NUMBER
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
Noresthisterone (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

CHEMICAL NAME	CAS NUMBER
Urofollitropin	26995-91-5
Valproate (valproic acid)	99-66-1

Female and Male Reproductive Toxins

CHEMICAL NAME	CAS NUMBER
FEMALE REPRODUCTIVE TOXINS	
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
MALE REPRODUCTIVE TOXINS	
Benomyl	17804-35-2
Carbon disulfide	75-15-0
Colchicine	64-86-8
Cyclophosphamide (anhydrous)	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

Chemicals with NFPA Hazard Rating of 3 or 4

The NFPA Hazard Rating system is used to identify the hazards of a chemical and the degree of severity of such hazard relative to health, flammability, and instability. Chemicals with hazard rating of 3 or 4 are considered high hazard in Augusta University. Chemicals that fall under this category and that are in Augusta University's chemical inventory are shown below:

Chemicals in Augusta University Chemical Inventory with NFPA Hazard Rating 3 or 4

CHEMICAL INVENTORY IN DATABASE LISTING OF HIGH HAZARD CHEMICALS				
CHEMICAL_DESCRIPTION	CAS #	HEALTH	FIRE	REACTIVE
(-)-EPINEPHRINE	51-43-4	3	1	0
(-)-NOREPINEPHRINE	51-41-2	4	1	1
(+)-EPIBATIDINE DIHYDROCHLORIDE HYDRATE	140111-52-0	4	0	0
(+)-NICOTINE, LIQUID	22083-74-5	4	1	0
(1-HYDROXYETHYLIDENE) DIPHOSPHONIC ACID TETRAOASSIUM SALT	14860-53-8	0	1	0
1,1'-DIETHYL-2,2'-CYANINE IODIDE	977-96-8	4	1	0
1,1-DIMETHYLHYDRAZINE	57-14-7	4	3	1
1-AMINOCYCLOPENTANE-1-CARBOXYLIC ACID	1003-03-8	2	4	0
1-HYDROXYPYRIDINE-2-THIONE ZINC SALT	13463-41-7	4	0	0
1-PHENYL-2-THIOUREA	103-85-5	3	0	0
2,4-DINITROPHENOL	51-28-5	4	3	4
2,4-DINITROPHENYLHYDRAZINE	119-26-6	3	3	3
2-ARACHIDONYL GLYCEROL	53847-30-6	3	4	0
2-CHLORO-2-DEOXYADENOSINE	4291-63-8	4	1	0
2-METHOXYESTRADIOL	362-07-2	4	0	0
3-HYDROXY-5-AMINOMETHYL-IS	2763-96-4	4	0	0
4-(DIMETHYLAMINO)PYRIDINE	1122-58-3	4	1	0
4-META UNIVERSAL CATALYST-V [TBB 122-56-5 & TBB-O 688-74-1]		2	4	4
4-METHYL-2-NITROANILINE	89-62-3	4	0	0
ABRIN	1393-62-0	4	2	0
ACETALDEHYDE	75-07-0	3	4	2
ACETALDEHYDE	75-07-0	4	3	2
ACETALEDEHYDE DIETHYL ACETAL	105-57-7	3	2	2
ACETONE CYANOHYDRIN	75-86-5	4	1	2
ACETYL CHLORIDE	75-36-5	3	3	3
ACETYLENE	74-86-2	1	4	3
ACONITINE CRYSTALLINE	302-27-2	4	0	0
ACRYLONITRILE	107-13-1	4	3	2
ADIPONITRILE	111-69-3	4	2	0

AEROCHEM TEFLON GEL		2	2	0
AERODAG G	7782-42-5	2	4	0
AIR INTAKE SYSTEM CLEANER [ACETONE /XYLENE]		2	4	0
ALCIAN YELLOW 1% SOLUTION		3	4	0
ALDRIN	309-00-2	4	1	0
ALUMINUM NITRATE	13473-90-0	2	0	3
AMANITINE, ALPHA-	23109-05-9	4	0	0
AMINO-1,2,4-TRIAZOLE, 3-	61-82-5	4	0	0
AMINOACTINOMYCIN D, 7-	7240-37-1	4	0	1
AMINOANTHRAQUINONE, 2-	117-79-3	4	0	0
AMINOPTERIN [ANTINEOPLASTIC DRUG]	54-62-6	4	0	0
AMITON (PARATHION)	78-53-5	4	0	0
AMITON OXALATE	3734-97-2	4	2	0
AMMONIA	7664-41-7	4	1	0
AMMONIA SOLUTION [Ethanol and Ammonia]		4	3	0
AMMONIUM DICHROMATE	7789-09-5	3	1	3
AMMONIUM NITRATE	6484-52-2	3	2	3
AMMONIUM OXALATE	1113-38-8	4	1	0
AMMONIUM PERCHLORATE	7790-98-9	1	0	4
AMMONIUM PERSULFATE	7727-54-0	3	0	3
AMMONIUM PICRATE	131-74-8	3	3	3
AMMONIUM VANADATE	7803-55-6	4	0	0
AMPHETAMINE	300-62-9	4	1	0
A-NAPHTHYL BUTYRATE ESTERASE KIT [TOXIC, CORROSIVE, CARCINOGEN, FLAMMABLE CONTENTS]		4	3	3
ANCHOR INKOTE [ALIPHATIC HYDROCARBONS]	64742-88-7	2	4	0
ANTHRANILIC ACID (2-AMINOBENZOIC ACID)	118-92-3	4	0	0
ANTI-SODIUM CHANNEL ASIC3 ANTIBODY [HIGHLY TOXIC]		4	0	0
ANTI-UROTENSIN II RECEPTOR		4	0	0
APAMIN	24345-16-2	4	0	0
APICIDIN	183506-66-3	4	1	0
ARACHIDONIC ACID METHYL ESTER	2566-89-4	1	0	3
ARSANLIC ACID	98-50-0	4	0	0
ARSENIC (III) OXIDE	1327-53-3	3	0	1
ARSENIC (V) ACID	1303-28-2	3	0	0

ARSENIC COMPOUNDS	7440-38-2	4	0	0
ARSENIC TRICHLORIDE	7784-34-1	4	0	2
ARSINE	7784-42-1	4	3	0
ARTERENOL BITARTRATE, (+-)-	3414-63-9	4	0	0
ASBESTOS	1332-21-4	4	0	0
ASPHALT, LIQUID-RAPID CURING	8052-42-4	4	1	0
ATROPINE FREE BASE	51-55-8	4	0	0
ATROPINE SULFATE	5908-99-6	4	1	0
AZINPHOS-METHYL	86-50-0	4	0	0
AZOBISISOBUTYRONITRILE	78-67-1	2	3	3
5-BROMO-2'-DEOXYURIDINE	59-14-3	3	0	0
BACTO TRYPTONE PEPTONE		0	1	0
BARIUM	7440-39-3	2	3	3
BARIUM CHLORATE	13477-00-4	1	0	3
BARIUM NITRATE	10022-31-8	3	0	3
BENZAL CHLORIDE	98-87-3	4	2	0
BENZETHONIUM HYDROXIDE	498-77-1	4	3	0
BENZO(A)PYRENE	50-32-8	4	0	0
BENZOYL PEROXIDE	94-36-0	3	3	4
BERYLLIUM	7440-41-7	4	1	0
BETA-BUNGAROTOXIN FROM BUNGARUS MULTICINCTUS		4	1	0
BG ISC INDUCTION SYSTEM CLEANER [1- METHYL-2-PYRROLIDONE/XYLENE BLEND]		2	4	0
BIS (2-CHLOROISOPROPYL) ETHER	108-60-1	1	2	1
BIS (4-ALLYLDIMETHYLAMMONIUM PHENYL) PENTA-3-ONE DIBROMIDE, 1,5-	402-40-4	4	0	0
BIS(2-CHLOROETHYLTHIO)-METHANE	63869-13-6	4	1	1
BIS(2-CHLOROETHYLTHIO)-N-BUTANE, 1,4-	142868-93-7	4	1	1
BIS(2-CHLOROETHYLTHIO)-N-PENTANE, 1,5-	142868-94-8	4	1	1
BIS(2-CHLOROETHYLTHIO)-N-PROPANE, 1,3-	63905-10-2	4	1	1
BIS(2-CHLOROETHYLTHIOMETHYL)ETHER	63918-90-1	4	1	1
BISMUTH (III) NITRATE BASIC	10361-46-3	2	0	3
BISMUTH (III) NITRATE PENTAHYDRATE	10035-06-0	3	0	3
BISMUTH NITRATE	10361-44-1	2	0	3
BLASTICIDIN S HCL	2079-00-7	4	0	0
BLUING REAGENT [METHYL ALCOHOL SOLUTION]		3	4	1
BORANE [DIBORANE]	19287-45-7	3	4	3

BROMADIOLONE	28772-56-7	4	0	0
BROMINE	7726-95-6	4	0	3
BROMINE PENTAFLUORIDE	7789-30-2	4	0	3
BROMINE TRIFLUORIDE	7787-71-5	4	0	3
BROMOACETIC ACID	79-08-3	4	1	0
BROMOACETONE	598-31-2	4	0	0
BROMOPROPYNE-3	106-96-7	4	3	4
BROMOTRIFLUOROETHYLENE	598-73-2	2	4	2
BUNGAROTOXIN, ALPHA-	11032-79-4	4	0	0
BUPIVACAINE HYDROCHLORIDE	14252-80-3	4	1	0
BUTADIENE MONOXIDE	930-22-3	3	4	0
BUTADIENE, 1,3-	106-99-0	0	4	2
BUTANE	106-97-8	1	4	0
BUTANETHIOL, 1-	109-79-5	2	4	0
BUTANETHIOL, 2-	513-53-1	2	4	0
BUTENE	106-98-9	1	4	0
BUTENE	25167-67-3	1	4	0
BUTENE- 1,4-DIOL, 2-	110-64-5	1	4	0
BUTENE, 2-	107-01-7	1	4	0
BUTENE, 2 CIS-	590-18-1	2	4	0
BUTENE, 2 TRANS-	624-64-6	2	4	0
BUTOXY CARBONYL AZIDE, TERT-	1070-19-5	1	3	3
BUTOXY ETHANOL, 2-	111-76-2	4	2	2
BUTYL ACETATE, SEC-	105-46-4	2	4	0
BUTYL ACETATE, TERT-	540-88-5	1	4	0
BUTYL AMINE, SEC-	13592-84-6	2	4	0
BUTYL AMINE, TERT-	75-64-9	3	4	0
BUTYL CHLORIDE (CHLOROBUTANE)	109-69-3	3	4	0
BUTYL CHLORIDE, SEC-	78-86-4	2	4	0
BUTYL FORMATE	592-84-7	2	4	0
BUTYL HYDROPEROXIDE, TERT-	75-91-2	2	2	3
BUTYL LITHIUM IN HEXANE	109-72-8	3	4	2
BUTYL LITHIUM, TERT-	594-19-4	3	4	0
BUTYL NITRATE	928-45-0	2	4	2
BUTYL NITRITE, N-	544-16-1	2	4	0
BUTYL PERBENZOATE, TERT-	614-45-9	3	3	4
BUTYL PEROXYACETATE, TERT-	107-71-1	2	4	2
BUTYL PEROXYPIVALATE, TERT-	927-07-1	0	3	4
BUTYLTRICHLOROSILANE	7521-80-4	3	2	3

BUTYNE, 2-	503-17-3	1	4	0
CACODYLIC ACID	75-60-5	4	0	1
CADMIUM CHLORIDE	10108-64-2	4	0	0
CADMIUM NITRATE	10325-94-7	3	0	3
CADMIUM OXIDE	1306-19-0	4	0	0
CALCIUM ARSENATE	7778-44-1	4	0	0
CALCIUM HYDROSULFIDE	15512-36-4	3	4	3
CALCIUM HYDROSULFIDE	15512-36-4	3	4	3
CALCIUM NITRATE ANHYDROUS	10124-37-5	2	0	3
CALCIUM PHOSPHIDE	1305-99-3	4	4	3
CAMPYPAK H2/CO2 ENVELOPE (7.5% 546, 92.5% 304)		3	1	3
CANTHARIDIN	56-25-7	4	0	0
CAP-CHUR CHARGE		2	3	4
CARBAMIC ACID, METHYL-, O-(((2,4-DIMETHYL-1,3-DITHIOLAN-2YL)	26419-73-8	4	0	0
CARBONYL FLUORIDE	353-50-4	4	0	2
CARBONYL SULFIDE [CARBON OXYSULFIDE]	463-58-1	3	4	0
CARMUSTINE (BICNU)	154-93-8	4	0	0
CERIC AMMONIUM NITRATE	16774-21-3	2	0	3
CESIUM FLUORIDE	13400-13-0	4	0	0
CETYLPYRIDINIUM CHLORIDE	6004-24-6	4	1	0
CHLORINE MONOXIDE	7791-21-1	2	4	3
CHLORINE PENTAFLUORIDE	13637-63-3	4	2	3
CHLORINE TRIFLUORIDE	7790-91-2	4	2	3
CHLORMEQUAT CHLORIDE	999-81-5	4	0	0
CHLORO PROPYLENE, 2-	557-98-2	1	4	0
CHLORO-1-NITROPROPANE, 1-	600-25-9	2	2	3
CHLORO-2,4-DINITROBENZENE, 1-	97-00-7	4	1	3
CHLORO-2-BUTENE, 2-	4461-41-0	1	4	0
CHLORO-ACETALDEHYDE	107-20-0	3	2	1
CHLOROACETYL GLYCINE ETHYL ESTER, N-	41602-50-0	0	1	0
CHLORODIETHYLALUMINUM	96-10-6	3	3	3
CHLOROETHYL CHLOROFORMATE	627-11-2	4	2	0
CHLOROFORM	67-66-3	0	3	1
CHLOROFORM:ISOAMYL ALCOHOL		0	3	0
CHLOROMETHYL METHYL ETHER	107-30-2	4	4	0
CHLOROMETHYLCHLORO-METHYLSULFIDE, 2-	2625-76-5	4	1	1

CHLOROPENTANE, 1-	543-59-9	3	4	0
CHLOROPHRENE (CHLOROBUTADINE)	126-99-8	2	3	3
CHLOROPICRIN	76-06-2	4	0	3
CHLOROPROPYLENE, 1-	590-21-6	2	4	0
CHLOROSULFURIC ACID	7790-94-5	4	0	2
CHLORPROMAZINE HYDROCHLORIDE	69-09-0	4	0	0
CHOLERA FILTRATE LYOPH		4	0	0
CHOLERA TOXIN	9012-63-9	4	0	1
CHROMIUM HEXACARBONYL	13007-92-6	3	2	3
CILOSTAZOL	73963-72-1	0	0	0
CLARIFIER 1 (ETOH, MEOH, ISOPROPANOL, MIBK, HOAC)		1	4	0
CLEAN AIR PURGE III		1	4	1
COBALT NITRATE	10141-05-6	3	0	3
COBALT NITRATE HEXAHYDRATE	10026-22-9	3	0	3
COBALT TRIFLUORIDE	10026-18-3	3	0	3
COE COMFORT TISSUE CONDITIONER LIQUID		3	4	0
COE-PAK ACCELERATOR		0	1	0
COE-PAK BASE		2	2	1
COLCHICINE CHRYSTALLINE	64-86-8	4	1	0
COLLODION SOLUTIONS WITH AMYL ACETATE		1	3	3
COLLODION SOLUTIONS WITH ETHER		1	4	0
COMPOUND 48/80 (PHENETHYLAMINE, P-METHOXY-N-METHYL-)	94724-12-6	4	0	0
COPALINER		2	4	1
CRIMIDINE	535-89-7	4	0	0
CUPRIC NITRATE	3251-23-8	2	0	3
CURARE	8063-06-7	4	0	0
CYANOGEN	460-19-5	4	4	2
CYANOGEN (CN-55, 945-27)	2074-87-5	4	4	2
CYANOGEN BROMIDE	506-68-3	3	0	3
CYANOGEN IODIDE	506-78-5	4	0	0
CYCLOBUTANE	287-23-3	1	4	0
CYCLOHEPTANE	291-64-5	2	4	0
CYCLOHEXYLTRICHLOROSILANE	98-12-4	4	4	3
CYCLOPENTENE	142-29-0	2	4	0
CYCLOPROPANE	75-19-4	1	4	0

CYTOCHALASIN A	14110-64-6	4	0	0
CYTOLOGICAL FIXATIVE		2	4	0
DECLERE SOLUTION [2% BUTOXYETHANOL]		4	0	0
DEUTERIUM	7782-39-0	0	4	0
DI SYSTON	298-04-4	4	0	0
DIACETOXYSCIRPENOL	2270-40-8	4	0	0
DIACETYL MONOXIME 4-NITROPHENYLHYDRAZON	62454-83-5	3	3	3
DIACETYL PEROXIDE (25%)	110-22-5	1	2	4
DIAMINOPYRIDINE, 3,4-	54-96-6	4	0	0
DICHLORONITROETHANE	594-72-9	2	2	3
DICHLOROPROPENE, 2,3-	78-88-6	3	4	0
DICHLOROSILANE	4109-96-0	2	4	1
DIETHYL 4-NITROPHENYL PHOSPHATE	311-45-5	4	0	0
DIETHYLALUMINUMCHLORIDE	96-10-6	3	4	2
DIETHYLPEROXIDE	628-37-5	1	4	4
DIETHYLZINC	557-20-0	2	3	3
DIFLUOROETHANE	75-37-6	2	4	0
DIHYDROCYTOCHALASIN, B-	39156-67-7	4	0	0
DIHYDROPYRAN, 2,3-	110-87-2	1	4	0
DIISOBUTYLALUMINUMHYDRIDE	1191-15-7	2	4	0
DIISOBUTYLENE	25167-70-8	2	4	0
DIISOPROPYL FLUOROPHOSPHATE	55-91-4	3	1	0
DIISOPROPYLCARBODIIMIDE, N,N'-	693-13-0	4	3	0
DIKETENE	674-82-8	3	2	3
DILAUROYL PEROXIDE		0	2	3
DIMEFOX	115-26-4	4	0	0
DIMETHOXYETHANE	110-71-4	1	4	1
DIMETHYL 1-BUTENE, 2,3-	563-78-0	1	4	0
DIMETHYL ACETAL	534-15-6	1	4	0
DIMETHYL CYCLOHEXANE, 1,3-	591-21-9	2	4	0
DIMETHYL DICHLOROSILANE	75-78-5	3	3	3
DIMETHYL DIOXANE	25136-55-4	2	4	0
DIMETHYL DISULFIDE	624-92-0	2	4	0
DIMETHYL HEPTANE, 3,5-	926-82-9	1	4	0
DIMETHYL HEXANE, 2,3-	584-94-1	1	4	0
DIMETHYL PENTANE, 2,4-	565-59-3	1	4	0
DIMETHYL PHOSPHOROCHLORIDOTHIOATE	2524-03-0	4	1	0
DIMETHYL P-TOLUIDINE, N,N-	99-97-8	4	2	0

DIMETHYL SULFATE	77-78-1	4	1	0
DIMETHYL SULFIDE	75-18-3	2	4	0
DIMETHYL-2-BUTENE, 2,3-	563-79-1	1	4	0
DIMETHYL-5-(1-ISOPROPYL-3-METHYLPYRAZOLYL)CARBAMATE	119-38-0	4	0	0
DIMETHYLAMINE	124-40-3	3	4	0
DIMETHYLBENZYLHYDROPEROXIDE	80-15-9	3	2	3
DIMETHYLBUTANE, 2,2-	75-83-2	2	4	0
DIMETHYLMERCURY	593-74-8	4	3	0
DIMETHYLNITROSAMINE	62-75-9	4	2	0
DIMETHYL-P-PHENYLENEDIAMINE, N,N-	99-98-9	4	1	0
DIMETHYLPROPANE, 2,2-	463-82-1	1	4	0
DINITROBENZENE	25154-54-5	3	1	3
DINITROBENZENE, M-	99-65-0	3	1	3
DINITROBENZENE, P-	100-25-4	3	1	3
DINITROBENZOL, 1,2-	528-29-0	3	1	4
DINITROTOLUENE LIQUID	25321-14-6	3	1	3
DINITROTOLUENE, 2,4-	121-14-2	3	1	3
DIOXOLANE	100-79-8	2	4	0
DIPHACINONE	82-66-6	4	0	0
DIPICRYLAMINE	131-73-7	3	4	3
DIPROPYLAMINE	142-84-7	3	4	0
DI-SEC-BUTYLAMINE	4444-67-1	2	4	0
DI-TERT-BUTYLPYROCARBONATE	24424-99-5	4	3	0
DIVINYL ACETYLENE	821-08-9	2	4	2
DIVINYL BENZENE	1321-74-0	2	4	2
DIVINYL ETHER INHIBITED	109-93-3	2	4	2
DL-FLUOROCITRIC ACID BARIUM SALT	100929-81-5	4	1	0
DOVITINIB	405169-16-6	1	2	0
DURAPORE SURGICAL TAPE		1	0	0
ENDOSULFAN	115-29-7	4	0	0
ENDOTHELIN 2 HUMAN	122879-69-0	4	1	0
ENTEROTOXIN, FROM ESCHERICHIA COLI	147094-99-3	4	0	0
EOSIN Y SOLUTION ALCOHOLIC		4	3	0
EPINEPHRINE (+) BITARTRATE, (-)-	51-42-3	4	0	0
EPN (ETHOXY 4-NITROPHENOXY PHENYLPHOSPHINE SULFIDE	2104-64-5	4	0	0
ETHANE	74-84-0	1	4	0
ETHANE SULFONIC ACID	594-45-6	4	0	0

ETHER	60-29-7	2	4	3
ETHIDIUM BROMIDE	1239-45-8	4	1	1
ETHOXYACETYLENE	927-80-0	1	4	0
ETHYL 1-BUTENE, 2-	760-21-4	2	4	0
ETHYL ACETYLENE	107-00-6	1	4	3
ETHYL BORATE	34099-73-5	2	4	0
ETHYL BUTYL ETHER	628-81-9	1	4	0
ETHYL BUTYRALDEHYDE, 2-	97-96-1	1	4	0
ETHYL CHLORIDE	75-00-3	2	4	0
ETHYL CHLOROFORMATE	541-41-3	4	3	1
ETHYL CROTONATE	623-70-1	2	4	0
ETHYL CYCLOBUTANE	4806-61-5	1	4	0
ETHYL CYCLOHEXANE	1678-91-7	2	4	0
ETHYL CYCLOPENTANE	1640-89-7	2	4	0
ETHYL ISOBUTYRATE	97-62-1	2	4	0
ETHYL MAGNESIUM BROMIDE	925-90-6	2	4	0
ETHYL MAGNESIUM CHLORIDE	2386-64-3	2	4	3
ETHYL MERCAPTAN	75-08-1	2	4	0
ETHYL METHACRYLATE	97-63-2	2	4	0
ETHYL METHYL ETHER	540-67-0	2	4	1
ETHYL METHYL KETONE PEROXIDE	1338-23-4	2	2	4
ETHYL NITRATE	625-58-1	2	4	3
ETHYL NITRITE	109-95-5	2	4	4
ETHYL PHOSPHONYL DIFLUORIDE	753-98-0	3	4	3
ETHYL PROPENYL ETHER	928-55-2	1	4	0
ETHYL PROPIONATE	105-37-3	1	4	0
ETHYL SULFIDE	623-81-4	2	4	2
ETHYL VIOLET	2390-59-2	4	0	1
ETHYLAMINE	75-04-7	3	4	0
ETHYL-BIS-(2-CHLOROETHYL)AMINE	538-07-8	4	2	0
ETHYLDICHLOROARSINE	598-14-1	4	1	1
ETHYLENE (GAS)	74-85-1	1	4	2
ETHYLENE CHLOROHYDRIN	107-07-3	4	2	0
ETHYLENE FLUOROXYDRIN	371-62-0	4	2	0
ETHYLENE GLYCOL ISOPROPYL ETHER	109-59-1	1	1	0
ETHYLENE OXIDE	75-21-8	3	4	3
ETHYLENEIMINE (INHIBITED)	151-56-4	4	3	3
ETHYL-N'-NITRO-N-NITROSOGUANIDINE, N-	4245-77-6	4	3	0

EVERLAST RUBBERIZED COATING [ACETONE/TOLUENE/PROPANE MIXTURE]		1	4	0
EXPERIMENTAL DRUG		4	0	0
FD NEUROSILVER KIT II SOLUTION E		3	0	3
FENSULFOTHION	115-90-2	4	0	0
FIX-RITE CYTOLOGY FIXATIVE [ISOPROPANOL & LIQUEFIED PETROLEUM GAS]		1	4	0
FLUORINE 5%, BAL HELIUM [GAS]	7782-41-4	4	0	4
FLUOROACETIC ACID	144-49-0	4	1	0
FORMOCRESOL	1319-77-3	4	1	0
FUEL INJECTION SYSTEM CLEANER [XYLENE MIXTURE]		2	4	1
FUMONISIN	116355-84-1	4	1	0
FURAN	110-00-9	3	4	1
GABAPENTIN	60142-96-3	4	0	0
GALLIUM (III) NITRATE HYDRATE	13494-90-1	3	3	3
GANCICLOVIR	82410-32-0	4	0	0
GENTROL AEROSOL [PROPANEAND (S)- HYDROPRENE MIX]		1	4	0
GERANYLGERANYL PYROPHOSPHATE AMMONIUM SALT		3	3	0
GERMANE	7782-65-2	4	4	3
GOLD CHLORIDE HYDRATE (HYDROGEN TETRACHLOROAUATE)	16903-35-8	4	0	0
GPx-340 ASSAY KIT		3	4	4
GUANYLNITROSAMINOQUANYLIDENE HYDRAZINE		4	0	0
HAFNIUM	7440-58-6	3	4	1
HDoHE, 17(R)-	155976-53-7	4	3	0
HEMICHOLINIUM, 3-	312-45-8	4	0	0
HEMOGLOBIN	9008-02-0	4	0	0
HEPTYLENE	25339-56-4	2	4	0
HEXACHLOROCYCLOPENTADIENE	77-47-4	4	0	0
HEXADIENE, 1,4-	592-45-0	2	4	0
HEXAETHYL TETRPHOSPHATE AND COMPRESSED GAS MIXTURE	757-58-4	4	4	0
HEXAFLUOROACETONE	684-16-2	4	0	1
HEXAMETHYL PHOSPHOROUS TRIAMIDE	1608-26-0	1	4	0
HEXAMETHYLENE TRIPEROXIDE DIAMINE	283-66-9	3	3	4

HEXAMETHYLENEDIAMINE, N,N-DIBUTYL-	4835-11-4	4	2	2
HEXANITROSTILBENE	20062-22-0	4	0	4
HEXANONE, 3-	589-38-8	1	4	0
HEXENE, 2- (MIXED CIS AND TRANS ISOMERS)	592-43-8	2	4	0
HEXYLTRICHLOROSILANE	928-65-4	4	2	0
HI-STENGTH 90 CYLINDER SPRAY ADHESIVE, 3M		2	4	1
HMX [CYCLOTETRAMETHYLENETETRANITRAMINE	2691-41-0	4	2	3
HOFFMAN'S VIOLET		4	0	1
HOMOHARRINGTONINE	26833-87-4	4	0	0
HYDRAN FERTILIZER GRADE		1	0	3
HYDRAZINE (ANHYDROUS)	302-01-2	3	3	3
HYDROFLUORIC ACID LIQUID	7664-39-3	4	0	2
HYDROGEN CYANIDE GAS	74-90-8	4	4	0
HYDROGEN CYANIDE LIQUID [STABILIZED]	74-90-8	4	4	2
HYDROGEN FLUORIDE GAS	7664-39-3	4	0	1
HYDROGEN GAS	1333-74-0	1	4	0
HYDROGEN PEROXIDE CASSETTE		3	0	3
HYDROGEN PEROXIDE, 60% OR MORE, stabilized	7722-84-1	0	3	2
HYDROGEN SELENIDE	7783-07-5	4	4	2
HYDROGEN SULFIDE	7783-06-4	4	4	0
HYDROXYBENZOTRIAZOLEHYDRATE	123333-53-9	1	1	4
HYGON TRAY MATERIAL		1	4	1
HYGROMYCIN B	31282-04-9	4	1	0
INDOMETHACIN	53-86-1	4	0	0
IODINE PENTAFLUORIDE	7783-66-6	4	0	1
ODOFORM	75-47-8	4	0	0
ODOPLATINATE		2	3	1
IPS WELDON CLEANER C-65		2	4	1
ISOBENZAN	297-78-9	4	0	0
ISOBUTANE	75-28-5	1	4	0
ISOBUTYL ACETATE	110-19-0	2	4	0
ISOBUTYL CHLORIDE	513-36-0	2	4	0
ISOBUTYL FORMATE	542-55-2	2	4	0
ISOBUTYLAMINE	78-81-9	3	4	0
ISOBUTYLENE	115-11-7	1	4	0
ISOCYANIDE	57-12-5	4	0	0

ISOPENTANE	78-78-4	1	4	0
ISOPRENE	78-79-5	2	4	2
ISOPROPENYL ACETATE	108-22-5	1	4	0
ISOPROPENYL ACETYLENE		2	4	1
ISOPROPYL ACETATE	108-21-4	2	4	0
ISOPROPYL CHLORIDE	75-29-6	2	4	0
ISOPROPYL CHLOROFORMATE	108-23-6	3	3	4
ISOPROPYL ETHER	108-20-3	3	1	1
ISOPROPYL PERCARBONATE	105-64-6	0	4	4
ISOPROPYLAMINE	75-31-0	3	4	0
ISOPROPYL-BETA-THIOGALACTOPYRANOSIDE-1,4-DIOXANE		2	3	2
ISOSORBIDE DINITRATE	87-33-2	2	4	3
KISSPEPTIN 10	16752-77-5	3	2	0
L-(-)-NOREPINEPHRINE(+)-BITARTRATE SALT MONOHYDRATE	108341-18-0	4	1	0
LACTONITRILE	78-97-7	4	2	1
LATANPROST	130209-82-4	4	0	0
LAUROYL PEROXIDE	105-74-8	0	2	3
LEAD ACETATE TRIHYDRATE	6080-56-4	4	0	1
LEAD AZIDE	13424-46-9	3	4	0
LEAD NITRATE	10099-74-8	3	0	3
LECTIN-FLUORESCEIN ISOTHIOCYANATE		4	2	2
LEWISITE	541-25-3	4	1	1
LEWISITE L-2	40334-69-8	4	1	1
LEWISITE L-3	40334-70-1	4	1	1
LIQUIFIED PETROLEUM GAS (L.P.G.)	68476-85-7	2	4	1
LIQUIFIED PETROLEUM GAS WITH METHYL ACETYLENE-PROPADIENE (LPG-MAPP)		1	4	1
LITHIUM HYDRIDE	7580-67-8	3	4	2
LITHIUM PERCHLORATE	7791-03-9	2	0	3
LOBELINE HCL	134-63-4	4	0	0
LONG RANGER GEL SOLUTION		2	0	3
MAZINDOL [DEA SCHEDULE IV ITEM]	22232-71-9	4	0	0
MECHLORETHANAMINE	51-75-2	4	1	0
MELATONIN	73-31-4	4	0	1
MELPHALAN	148-82-3	4	0	0
MERCURIC CHLORIDE	7487-94-7	4	0	0
MERCUROUS NITRATE	10415-75-5	3	0	3

MERCURY FULMINATE	628-86-4	4	4	4
MERSALYL ACID	486-67-9	4	0	0
METHALLYL CHLORIDE	563-47-3	2	4	0
METHANE	74-82-8	2	4	0
METHANESULFONYL FLUORIDE	558-25-8	4	1	0
METHOTREXATE	59-50-2	4	0	0
METHYL 1,3-PENTADIENE, 2-	1118-58-7	1	4	0
METHYL 1,3-PENTADIENE, 4-	926-56-7	1	4	0
METHYL 1-BUTENE, 2-	563-46-2	1	4	0
METHYL 1-BUTENE, 3-	563-45-1	1	4	0
METHYL 1-PENTENE, 2-	763-29-1	1	4	0
METHYL 2-BUTENE, 2-	513-35-9	2	4	0
METHYL 2-CHLOROACRYLATE	80-63-7	4	3	2
METHYL 2-PENTANE, 2-	625-27-4	2	4	0
METHYL 2-PENTENE, 4 (CIS)-	691-38-3	2	4	0
METHYL 2-PROPANETHIOL, 2-	75-66-1	2	4	0
METHYL ALUMINUM SESQUIBROMIDE	12263-85-3	2	4	0
METHYL ALUMINUM SESQUICHLORIDE	12542-85-7	4	4	4
METHYL BORATE	121-43-7	2	4	0
METHYL CARBONATE	616-38-6	2	4	0
METHYL CHLORIDE	74-87-3	2	4	1
METHYL CHLOROFORMATE	79-22-1	3	4	0
METHYL ETHER	115-10-6	2	4	1
METHYL FORMATE	107-31-3	2	4	0
METHYL HEXANE, 3-	589-34-4	2	4	0
METHYL ISOCYANATE	624-83-9	4	3	2
METHYL ISOTHIOCYANATE	556-61-6	4	3	0
METHYL MERCAPTAN	74-93-1	4	4	0
METHYL METHACRYLATE	80-62-6	3	2	2
METHYL METHACRYLATE (ACRYLIC LIQUID)		3	2	0
METHYL N'-NITROSOGUANIDINE, N-	70-25-7	3	3	3
METHYL PARATHION	298-00-0	4	1	2
METHYL PENTANE, 2-	107-83-5	2	4	0
METHYL PROPENAL, 2-	78-85-2	3	4	0
METHYL PROPIONATE	554-12-1	1	4	0
METHYL PYRROLIDINE, 1-	120-94-5	1	4	0
METHYL VALERALDEHYDE, 2-	123-15-9	2	4	0
METHYL VINYL KETONE	78-94-4	4	3	2
METHYL VIOLOGEN DICHLORIDE HYDRATE	1910-42-5	4	1	0

METHYL-4-PHENYL-1,2,3,6-TETRAHYDROPYRIDINE (MPTP)	28289-54-5	4	1	0
METHYLAMINE SOLUTIONS	74-89-5	3	4	0
METHYLAMINE, GAS	74-89-5	3	4	0
METHYLCHLOROSILANE	993-00-0	4	3	3
METHYLCHLOROSILANE	993-00-0	4	3	3
METHYLHYDRAZINE	60-34-4	4	3	2
METHYLMERCURIC CHLORIDE	115-09-3	4	0	0
METHYLPENTANE, 3-	96-14-0	2	4	0
METHYLPHOSPHONOTHIOIC ACID-O-ETHYL-O-(4-(METHYLTHIO)PHENYL) ESTER	2703-13-1	4	0	0
MEVINPHOS	7786-34-7	4	0	0
MILRINONE	78415-72-2	4	0	0
MITHRAMYCIN	18378-89-7	4	0	0
MMP+ IODIDE	36913-39-0	4	0	0
MONOCROTOPHOS	6923-22-4	4	0	0
MUSCIMOL	2763-96-4	4	0	0
MUSCIMOL HYDROBROMIDE [SOLID]	18174-72-6	4	1	1
MUSTARD GAS [BIS(2-CHLOROETHYL)SULFIDE]	505-60-2	4	1	1
N,N-(2-DIMETHYLAMINO)ETHANETHIOL	108-02-1	4	0	3
N,N-DIISOPROPYL PHOSPHORAMIDIC CHLORIDE	23306-80-1	4	4	3
N,N-DIMETHYL-P-PHENYLENEDIAMINE SULFATE SALT	536-47-0	4	0	0
NAPHTHA	8030-30-6	1	4	0
NAPHTHYL CYANATE, 1-		4	0	0
NCS TISSUE SOLUBILIZER		3	4	0
NEOSTIGMINE	59-99-4	4	0	0
NEOSTIGMINE METHYL SULFATE	51-60-5	4	0	0
NICKEL CARBONYL	13463-39-3	4	3	3
NICKEL CATALYST (FINELY DIVIDED, ACTIVATED OR SPENT)		2	4	0
NICKEL NITRATE	13138-45-9	3	0	3
NICKEL NITRATE HEXAHYDRATE	13478-00-7	3	0	3
NICOTINE	54-11-5	3	1	0
NICOTINE HYDROGEN TARTRATE SALT	65-31-6	4	0	0
NITRIC ACID	7697-37-2	4	0	1
NITRIC OXIDE	10102-43-9	3	0	1
NITROANILINE, P-	100-01-6	3	1	0
NITROBENZOTRIAZOL, 5-	2338-12-7	4	1	3

NITROBENZOTRIAZOL, 5-	2338-12-7	4	1	3
NITROBIPHENYL, 4-	92-93-3	4	0	0
NITROCELLULOSE	9004-70-0	2	4	3
NITROCELLULOSE SOLUTION, FLAMMABLE		1	4	1
NITROETHANE	79-24-3	1	3	3
NITROGEN MUSTARD N-OXIDE HYDROCHLORIDE	302-70-5	4	0	0
NITROGLYCERIN	55-63-0	2	2	4
NITROMETHANE	75-52-5	2	3	4
NITROSOGUANIDINE	674-81-7	1	4	0
NOVARED SUBSTRATE KIT		4	3	0
NUCLEOTIDASE FROM CROTALUS ATROX VENOM	9027-73-0	4	0	0
OCCLUDE		0	4	0
OCTAMETHYLPYROPHOSPHOR	152-16-9	3	0	0
OKADAIC ACID	78111-17-8	4	0	0
OKADAIC ACID POTASSIUM	155751-72-7	4	0	0
OLIGOMYCIN	1404-19-9	4	1	0
OLIGOMYCIN A	579-13-5	4	1	0
O-MUSTARD (T) [BIS(2- CHLOROETHYLTHIOETHYL)ETHER]	63918-89-8	4	1	1
OPTIBOND FL ADHESIVE RESIN		1	2	2
ORTHODONTIC RESIN LIQUID		2	4	3
OSMIUM TETROXIDE	20816-12-0	4	0	1
OSMIUM TETROXIDE SOLUTION	208116-12-0	4	0	0
OXONE	37222-66-5	3	3	3
OXYMETAZOLINE HCL	2315-02-8	4	0	0
PACLITAXEL [ANTINEOPLASTIC DRUG]	33069-62-4	4	0	0
PANASPRAY PLUS		2	4	0
PANAVIA; ETCHING AGENT V		0	3	0
PARATHION	56-38-2	4	1	2
PAXILLINE	57186-25-1	4	0	0
PENETRATING OIL, STATE PEN		4	3	0
PEN-NC		2	4	0
PENTABORANE	19624-22-7	3	4	2
PENTADIENE, 1,3-	504-60-9	0	4	2
PENTANE, N-	109-66-0	1	4	0
PENTANONE, 3-	96-22-0	2	4	0
PENTENE, 2-	646-04-8	1	4	1

PENTENE, CIS-2-	627-20-3	4	4	1
PERCHLORIC ACID	7601-90-3	3	0	3
PERCHLORIC ACID + D20	19029-50-6	3	0	3
PERIODIC ACID	10450-60-9	3	0	3
PERPHENAZINE (ETRAFON) (TRILAFON)	58-39-9	4	4	2
PESTICIDE ALDICARB	116-06-3	3	1	1
PETROLEUM ETHER	8032-32-4	3	4	0
PHALLACIDIN	26645-35-2	4	0	0
PHALLOIDIN	17466-45-4	4	1	0
PHENYLARSINE OXIDE	637-03-6	4	1	0
PHENYLENEDIAMINE DIHYDROCHLORIDE, P-	624-18-0	4	1	1
PHENYLSILATRANE	2097-19-0	4	0	0
PHOSGENE IN TOLUENE	75-44-5	4	2	0
PHOSPHINE	7803-51-2	4	4	0
PHOSPHODIESTERASE FROM CROTALUS DURISSUS	9025-82-5	4	0	0
PHOSPHOLIPASE A2 FROM PORCINE PANCREAS		4	0	0
PHOSPHOROUS PENTABROMIDE	7789-69-7	3	0	3
PHOSPHORUS PENTOXIDE	1314-56-3	3	0	3
PHOSPHORUS, POWDER, RED, 99%	7723-14-0	4	4	2
P-HYDROXYMERCURIPHENYLSULFONIC ACID MONOSODIUM	73548-15-9	4	0	0
PHYSOSTIGMINE	57-47-6	4	0	0
PHYSOSTIGMINE, SALICYLATE (1:1)	57-64-7	4	1	0
PICRIC ACID [POWDER 30% OR LESS WET]	88-89-1	3	4	4
PICRIC ACID SOLUTIONS [30% OR MORE WET, 88-89-1]		2	1	4
PICROTOXININE	17617-45-7	4	1	0
PILOCARPINE HYDROCHLORIDE	54-71-7	4	0	1
PINENE, 2-	80-56-8	4	3	0
POLYCHLORINATED BIPHENYLS (PCB'S)	1336-36-3	4	0	0
POR-ETC-06		4	0	0
POTASSIUM	7440-09-7	3	3	3
POTASSIUM ARSENATE	7784-41-0	4	0	0
POTASSIUM ARSENITE	10124-50-2	4	0	0
POTASSIUM CYANIDE	151-50-8	4	1	0
POTASSIUM DICHROMATE	7778-50-9	4	1	3
POTASSIUM NITRATE	7757-79-1	0	2	1
POTASSIUM NITRITE	7758-09-0	2	0	3

POTASSIUMPERCHLORATE	7778-74-7	2	0	3
POTASSIUMPERIODATE	7790-21-8	2	0	3
POTASSIUMPERSULFATE	7727-21-1	2	0	3
POTASSIUM SUPEROXIDE	12030-88-5	3	2	3
PRESCRIPTION TREATMENT PI		1	4	1
PRIME & BOND ADHESIVE		1	4	1
PROPADIENE	463-49-0	1	4	1
PROPANE	74-98-6	2	4	0
PROPARGYL ALCOHOL	107-19-7	3	4	3
PROPENYL ETHYL ETHER	557-40-4	2	4	0
PROPIOLACTONE, BETA-	57-57-8	4	0	0
PROPIONIC NITRILE	107-12-0	3	4	0
PROPYLBROMIDE, N-	106-94-5	2	4	0
PROPYLENE	115-07-1	1	4	1
PROPYLENE DICHLORIDE	78-87-5	3	4	0
PROPYLENE OXIDE, 1,2-	75-56-9	2	3	3
PROPYLENEIMINE, 1,2-	75-55-8	3	4	0
PROPYLETHER	111-43-3	2	4	0
PROPYLNITRATE, N-	627-13-4	2	4	3
PROPYNE	74-99-7	2	4	2
PYRROLINE, 3-	109-96-6	3	4	0
QUANTILUM RECOMBINANT LUCIFERASE		1	2	0
QUIACRINE MUSTARD	2213-45-0	4	0	0
RAD-CON SURFACE CLEANER		1	4	0
RDX & HMX MIXTURES [121-82-4]		3	0	3
RDX [CYCLOTTRIMETHYLENETRINITRAMINE]	121-82-4	3	0	3
SALINOMYCIN	53003-10-4	4	1	0
SARIN	107-44-8	4	0	0
SCINTIVERSE (TM) E		3	2	0
SCOPOLAMINE HYDROBROMIDE, (-)-	6533-68-2	4	0	0
SCOPOLAMINE METHYL NITRATE	6106-46-3	4	0	0
SECOVERINE	57558-44-8	4	1	0
SECOVERINE HYDROCHLORIDE	57558-46-0	4	2	0
SELENIC ACID	7783-08-6	4	0	1
SELENIOS ACID	7783-00-8	4	0	1
SELENIUM OXYCHLORIDE	7791-23-3	4	0	0
SELENO-DL-CYSTINE	2897-21-4	4	0	0
SILANE	7803-62-5	2	4	0
SILVER CYANIDE	506-64-9	4	0	0

SILVER NITRATE	7761-88-8	3	0	3
SODIUM	7440-23-5	3	2	3
SODIUM AMIDE	7782-92-5	3	3	2
SODIUM AZIDE	26628-22-8	4	0	2
SODIUM CYANIDE	143-33-9	4	1	0
SODIUM CYANOBOROHYDRIDE SOLUTION	25895-60-7	4	3	3
SODIUM FLUOROACETATE	62-74-8	4	0	0
SODIUM IODATE	7681-55-2	3	0	3
SODIUM META ARSENITE	7784-46-5	4	1	1
SODIUM NITRITE	7632-00-0	2	1	3
SODIUM PERCHLORATE MONOHYDRATE	7791-07-3	1	2	2
SODIUM PERIODATE	7790-28-5	3	0	3
SODIUM SELENATE	13410-01-0	4	0	0
SODIUM SELENITE	10102-18-8	4	2	1
SOMAN	96-64-0	4	1	1
STAPHENE DISINFECTANT SPRAY		2	4	0
STEINER REDUCING SOLUTION - 1% HYDROQUINONE, 0.5% SILVER NITRATE, 5%		3	3	3
STHAPYLOCOCCAL ENTEROTOXIN B	39424-53-8	4	0	0
STREPTOLYSIN-O	98072-47-0	4	0	0
STRYCHNINE	57-24-9	4	0	0
STRYCHNINE HYDROCHLORIDE	1421-86-9	4	0	0
SULFOTEP	3689-24-5	4	0	0
TABUN	77-81-6	4	1	1
TERBUFOS	13071-79-9	4	0	0
TERT-BUTYL HYDROPEROXIDE SOLUTION		4	3	3
TETRACENE	109-27-3	1	3	4
TETRACHLORODIBENZODIOXIN	1746-01-6	4	3	0
TETRAETHYLLEAD	78-00-2	3	3	3
TETRAETHYLPYROPHOSPHATE (TEPP)	107-49-3	4	0	0
TETRAFLUOROETHYLENE INHIBITED	116-14-3	2	4	3
TETRAHYDROFURAN	109-99-9	2	3	3
TETRAMETHYLLEAD	75-74-1	4	3	0
TETRAMETHYLSILANE	75-76-3	2	4	0
TETRODOTOXIN	4368-28-9	4	0	0
THALIDOMIDE	50-35-1	4	1	0
THALLIUM SULFATE	10031-59-1	4	0	0
THALLOUS SULFATE	7446-18-6	4	0	0
THIOCARBOHYDRAZIDE	2231-57-4	3	4	0

THIODIANILINE, 4,4'-	139-65-1	4	0	0
THIODIGLYCOL	111-48-8			
THIONYL CHLORIDE	7719-09-7	4	0	3
THIOPHENE	110-02-1	2	4	0
THROTTLE BODY & CARBURATOR CLEANER		2	4	0
TNT [TRINITROTOLUENE]	118-96-7	3	4	4
TRIAZIDO-2,4,6-TRINITROBENZENE, 1,3,5-	29306-57-8	4	4	4
TRIBUTYLPHOSPHINE		4	0	0
TRICAINE METHANESULFONATE (MS-222)	886-86-2	2	0	0
TRICHLOROSILANE	10025-78-2	3	4	2
TRIETHANOLAMINE HYDROCHLORIDE	367-39-8			
TRIETHOXYSILANE	998-30-1	4	3	0
TRIETHYLALUMINUM	97-93-8	4	4	3
TRIETHYLBORANE	97-94-9	3	4	2
TRIETHYLENE GLYCOL DIMETHACRYLATE	109-16-0	0	3	1
TRIFLUOROACETYL CHLORIDE	354-32-5	4	4	1
TRIFLUOROCHLOROETHYLENE	79-38-9	2	4	0
TRIIISOBUTYLALUMINUM	100-99-2	4	4	2
TRIMETHYL ANILINE, 2,4,6-	88-05-1	4	1	1
TRIMETHYL PHOSPHITE	121-45-9	3	4	0
TRIMETHYL-1-BUTENE, 2,3,3-	594-96-9	2	4	0
TRIMETHYLALUMINUM	75-24-1	2	4	0
TRIMETHYLAMINE	75-50-3	3	4	0
TRIMETHYLTIN CHLORIDE	1066-45-1	4	0	0
TRI-N-BUTYLPHOSPHINE	998-40-3	3	1	4
TRINITROANILINE	26952-42-1	4	3	4
TRINITROANISOLE	606-35-9	0	0	3
TRINITROBENZENE	99-35-4	2	4	4
TRINITROBENZOIC ACID, [WETTED WITH < 30 % WATER	129-66-8	1	4	3
TRINITROCHLORO BENZENE, 2,4,6-	88-88-0	3	3	3
TRINITROFLUORENONE	129-79-3	2	4	2
TRINITROPHENETOLE	4732-14-3	3	3	4
TRINITRORESORCINOL	82-71-3	3	3	3
TRIPROPYL ALUMINUM	102-67-0	2	4	2
TRI-SIL TBT		3	3	3
TRIZOL		3	2	0
TUNGSTEN HEXAFLUORIDE	7783-82-6	4	0	1
TUNICAMYCIN	11089-65-9	4	0	0
TUNICAMYCIN B	66081-36-5	4	1	1

UREA HYDROGEN PEROXIDE (TABLET) WITH PHOSPHATE CITRATE BUFFER	124-43-6	3	0	3
URIC ACID REAGENT (CONTAINS SODIUM AZIDE 2.3 %)		4	0	2
VALINOMYCIN	2001-95-8	4	0	0
VANADIUM (V) PENTOXIDE	1314-62-1	3	0	0
VERAPAMIL HYDROCHLORIDE	152-11-4	4	0	0
VERATRIC ACID	93-07-2	4	2	0
VERATRIDINE	71-62-5	4	1	0
VINCRISTINE SULFATE	2068-78-2	4	1	1
VINYL ACETATE MONOMER	108-05-4	2	4	2
VINYL ACETYLENE	689-97-4	2	4	2
VINYL CHLORIDE	75-01-4	2	4	2
VINYL ETHYL ETHER	109-92-2	2	4	0
VINYL FLUORIDE	75-02-5	2	4	0
VINYL ISOBUTYL ETHER	109-53-5	1	4	0
VINYL METHYL ETHER	107-25-5	2	4	3
VINYLBROMIDE	593-60-2	3	4	0
VINYLBUTYLEETHER	111-34-2	2	4	0
VINYLCYCLOHEXENE	100-40-3	2	4	0
VINYLDENE FLUORIDE	75-38-7	2	4	0
VINYLDINE CHLORIDE	75-35-4	3	4	2
VINYLIISOPROPYLEETHER	926-65-8	1	4	0
VINYLPROPIONATE	105-38-4	2	4	0
VINYLTRICHLOROSILANE	75-94-5	3	4	0
VIONEXUS		2	0	0
VITAMIN D3, 1-ALPHA-25-DIHYDROXY-	32222-06-3	4	1	0
VX [METHYLPHOSPHONOTHIOIC ACID, S-[2-[BIS(1-METHYLETHYL)AMINO]	50782-69-9	4	1	1
WARFARIN	81-81-2	4	0	0
WORTMANNIN	19545-26-7	4	0	1
YOHIMBINE HYDROCHLORIDE	65-19-0	4	0	0
ZAPIT ACCELERATOR		2	4	1
ZEUS BUTANE		1	4	0
ZIRCONIUM (IV) ETHOXIDE	18267-08-8	2	0	3

Potentially Explosive Lab Chemicals

Acetyl peroxide	Nitrogen triiodide
Acetylene	Nitroglycerine
Ammonium nitrate	Nitroguanidine
Ammonium perchlorate	Nitromethane
Ammonium picrate	Nitrourea
Ba/Pb/Hg azide (heavy metal azides)	Picramide
Li/K/Na azide	Picric acid (trinitrophenol)
Organic azides	Picryl chloride
Benzoyl peroxide	Picryl sulphonic acid
Bromopropyne	Propargyl bromide (neat)
Butanone peroxide	Sodium dinitrophenate
Cumene peroxide	Succinic peroxide
Diazodinitrophenol	Tetranitroaniline
Dinitrophenol	Trinitroaniline
Dinitrophenylhydrazine	Trinitroanisole
Dinitroresorcinol	Trinitrobenzene
Dipicryl amine	Trinitrobenzenesulphonic acid
Dipicryl sulphide	Trinitrobenzoic acid
Dodecanoyl peroxide	Trinitrocresol
Ethylene oxide	Trinitronaphthalene
Lauric peroxide	Trinitrophenol (picric acid)
MEK peroxide	Trinitroresorcinol
Mercury fulminate, Silver fulminate	Trinitrotoluene
Nitrocellulose	Urea nitrate
Nitrogen trifluoride	

Potentially Explosive Compound Classes

Functional Groups:

Acetylene (-C=C-)

Acyl hypohalites (RCO-OX)

Azide Organic (R-N₃)

Azide Metal (M-N₃)

Azo (-N=N-)

Diazo (=N=N)

Diazosulphide (-N=N-S-N=N-)

Diazonium salts (R-N₂⁺)

Fulminate (-CNO)

Halogen Amine (=N-X)

Nitrate (-ONO₂)

Nitro (-NO₂)

Aromatic or Aliphatic Nitramine (=N-NO₂) (-NH-NO₂)

Nitrite (-ONO)

Nitroso (-NO)

Ozonides Peracids (-CO-O-O-H)

Peroxide (-O-O-)

Hydroperoxide (-O-O-H)

Metal peroxide (M-O-O-M)

Explosive Salts:

Bromate salts (BrO₃⁻)

Chlorate salts (ClO₃⁻)

Chlorite salts (ClO₂⁻)

Perchlorate salts (ClO₄⁻)

Picrate salts (2,4,6-trinitrophenoxide)

Picramate salts (2-amino-4,6-dinitrophenoxide)

Hypohalite salts (XO⁻)

Iodate salts (IO₃⁻)

Pyrophoric Lab Chemicals

Aluminum alkyls: R_3Al , R_2AlCl , $AlCl_2$

Examples: Et_3Al , Et_2AlCl , $EtAlCl_2$, Me_3Al , Diethylethoxy aluminium

Grignard Reagents: $RMgX$ (R=alkyl, aryl, vinyl X=halogen)

Lithium Reagents: RLi (R = alkyls, aryls, vinyls)

Examples: Butyllithium, Isobutyllithium, sec-Butyllithium, tert-Butyllithium, Ethyllithium, Hexyllithium, Isopropyllithium, Methyllithium, (Trimethylsilyl)methyllithium, Phenyllithium, 2-Thienyllithium, Vinylithium, Lithium acetylide ethylenediamine complex, Lithium (trimethylsilyl)acetylide, Lithium phenylacetylide

Zinc Alkyl Reagents: $RZnX$, R_2Zn

Examples: Et_2Zn

Metal carbonyls: Lithium carbonyl, Nickel tetracarbonyl, Dicobalt octacarbonyl

Metal powders (finely divided): Bismuth, Calcium, Cobalt, Hafnium, Iron, Magnesium, Titanium, Uranium, Zinc, Zirconium

Low Valent Metals: Titanium dichloride

Metal hydrides: Potassium Hydride, Sodium hydride, Lithium Aluminum Hydride, Diethylaluminium hydride, Diisobutylaluminum hydride, Dichloro(methyl)silane

Nonmetal hydrides: Arsine, Boranes, Diethylarsine, diethylphosphine, Germane, Phosphine, phenylphosphine, Silane, Methanetellurol (CH_3TeH)

Non-metal alkyls: R_3B , R_3P , R_3As ; Tetramethylsilane, Tributylphosphine

Used hydrogenation catalysts: Raney nickel, Palladium, Platinum

Activated Copper fuel cell catalysts, e.g. $Cu/ZnO/Al_2O_3$

Finely Divided Iron Sulfides (FeS , FeS_2 , Fe_3S_4), and Potassium Sulfide (K_2S),

Elements:

Phosphorus

Cesium

Lithium

Potassium

Sodium

Sodium Potassium Alloy (NaK)

Aluminum Phosphide (AlP)