



This document is required by the United States Department of Homeland Security to identify priority chemicals found at colleges and universities. This form also serves to identify chemicals which pose a significant environmental health and safety risk. This form must be completed by every laboratory in order to be in compliance.

The Environmental Health and Safety Office (EHSO) staff is available to assist you with completing this form and reviewing it after you have completed it. All labs that work with a Particularly Hazardous Substance should have a SOP detailing safe work procedures when working with the chemical. SOP templates are available on the "Lab Safety" section of the EHSO webpage. EHSO may be consulted by calling the EHSO at (312)-413-3387 or (312)-996-7411.

Section 1: Lab Information

Please complete section 1 by filling in each box with the appropriate information:

Department	<input type="text"/>	Phone Number	<input type="text"/>
Building Name	<input type="text"/>	Email Address	<input type="text"/>
Lab Room Number	<input type="text"/>	Date Survey Completed	<input type="text"/>
Principal Investigator	<input type="text"/>		

Section 2: Chemicals of Concern

- 1 Place a check the red box IF you possess none of the chemicals on this form in your laboratory and the following statement is accurate: ~~XXX~~
~~XXX~~ I have reviewed the list below and have none of these chemicals in my laboratory".

OR

- 2 Please check all of the following chemicals you have in your laboratory. Indicate approximate quantity, if possible.

X	Chemical Name	Synonym	CAS Number	Quantity in your Laboratory	Hazard	Hazard	Hazard
	Acetaldehyde diethyl acetal	Acetal	105-57-7		Class B Peroxide		
	Acetone cyanohydrin, stabilized		75-86-5		Regulated by Dept. of Homeland Security		
	2-Acetylaminofluorene		53-96-3		OSHA Carcinogen		
	Acetyl iodide		507-02-8		Regulated by Dept. of Homeland Security		
	Acryloyl Chloride	2-propenoyl chloride	814-68-6		Extremely Hazardous Substance		
	Aldicarb		116-06-3		Extremely Hazardous Substance	Acutely Hazardous Waste	
	Allyltrichlorosilane, stabilized		107-37-9		Regulated by Dept. of Homeland Security		
	alpha-Naphthylamine		134-32-7		OSHA Carcinogen	Particularly Hazardous Substance	
	Aluminum (powder)		7429-90-5		Regulated by Dept. of Homeland Security		
	Aluminum bromide, anhydrous		7727-15-3		Regulated by Dept. of Homeland Security		
	4-Aminodiphenyl		92671		OSHA Carcinogen	Particularly Hazardous Substance	

X	Chemical Name	Synonym	CAS Number	Quantity in your Laboratory			
				Hazard	Hazard	Hazard	
	Amiton oxalate		3734-97-2	Extremely Hazardous Substance			
	Ammonia, anhydrous		7664417A	Extremely Hazardous Substance	Toxic Gas		Particularly Hazardous Substance
	Arsenic pentoxide		1303-28-2	Extremely Hazardous Substance	Acutely Hazardous Waste		Particularly Hazardous Substance
	Arsenic trichloride	arsenous trichloride (>30%)	7784-34-1	Regulated by Dept. of Homeland Security			
	Arsenic trioxide	arsenic oxide	1327-53-3	Extremely Hazardous Substance	Acutely Hazardous Waste		Particularly Hazardous Substance
	Arsine		7784-42-1	Particularly Hazardous Substance	Regulated by Dept. of Homeland Security		Toxic Gas
	Azinphos-methyl	Guthion	86-20-0	Extremely Hazardous Substance			
	Benzene		71-43-2	OSHA Regulated Toxic Substance	Particularly Hazardous Substance		
	Benzene-arsonic acid		98-05-5	Extremely Hazardous Substance			
	Benzene, 1,3-diisocyanato-2-methyl-	Toulene-2,6-diisocyanate	91-08-7	Extremely Hazardous Substance			
	Benzidine		92-87-5	OSHA Carcinogen	Particularly Hazardous Substance		
	Benzoic trichloride	Benzotrichloride	98-07-7	Extremely Hazardous Substance			
	Benzoyl peroxide		94-36-0	Class B Peroxide			
	Beryllium or Beryllium compounds		7440-41-7	Particularly Hazardous Substance	Acutely Hazardous Waste		OSHA Regulated Toxic Substance
	beta-Naphthylamine		91-59-8	OSHA Carcinogen	Particularly Hazardous Substance		
	beta-Propiolactone		57-57-8	OSHA Carcinogen	Particularly Hazardous Substance		
	1,3-bis(2-chloroethylthio)-n-propane		63905-10-2	Regulated by Dept. of Homeland Security			
	1,4-bis(2-chloroethylthio)-n-butane		142868-93-7	Regulated by Dept. of Homeland Security			
	1,5-bis(2-chloroethylthio)-n-pentane		142868-94-8	Regulated by Dept. of Homeland Security			
	Bis(2-chloroethylthio)methane		63869-13-6	Regulated by Dept. of Homeland Security			
	Bis(2-chloroethylthioethyl)ether		63918-89-8	Regulated by Dept. of Homeland Security			
	Bis(chloromethyl) ether	Chloromethyl ether, Dichloromethyl ether	542-88-1	Extremely Hazardous Substance	Acutely Hazardous Waste		OSHA Carcinogen
	Bis(chloromethyl) ketone		534-07-6	Extremely Hazardous Substance			
	Boron trichloride		010294-34-5	Toxic Gas			
	Boron trifluoride		07637-07-2	Extremely Hazardous Substance	Toxic Gas		Particularly Hazardous Substance
	Bromotrifluoroethylene		598-73-2	Pyrophoric			

X	Chemical Name	Synonym	CAS Number	Quantity in your Laboratory			
				Hazard	Hazard	Hazard	
	Cadmium fume/dust		7440-43-9	OSHA Regulated Toxic Substance	Particularly Hazardous Substance		
	Carbofuran		1563-66-2	Extremely Hazardous Substance	Acutely Hazardous Waste		
	Carbon disulfide		75-15-0	Particularly Hazardous Substance	Acutely Hazardous Waste	OSHA Regulated Toxic Substance	
	Carbon Monoxide		630-08-0	Toxic Gas	Particularly Hazardous Substance		
	Carbon tetrachloride		56-23-5	OSHA Regulated Toxic Substance	Particularly Hazardous Substance		
	Cesium, elemental		7440-46-2	Pyrophoric			
	Chlorine		7782-50-5	Extremely Hazardous Substance	Toxic Gas		
	2-chloroethylchloromethylsulfide		2625-76-5	Regulated by Dept. of Homeland Security			
	Chlormequat chloride		999-81-5	Extremely Hazardous Substance			
	2-Chloro-N-(2-Chloroethyl)-N-methylethanamine	Mechlorethamine, Nitrogen Mustard	51-75-2	Extremely Hazardous Substance	Particularly Hazardous Substance		
	Chlorine pentafluoride		013637-63-3	Toxic Gas			
	Chlorine trifluoride		007790-91-2	Toxic Gas	Particularly Hazardous Substance		
	Chloroacetic acid		79-11-2	Extremely Hazardous Substance			
	3-Chloroperoxybenzoic peroxide		937-14-4	Shock Sensitive/ Explosive			
	Chloromethyl methyl ether	chloromethoxy-methane	107-30-2	Extremely Hazardous Substance	OSHA Carcinogen	Particularly Hazardous Substance	
	Chlorosarin		1445-76-7	Regulated by Dept. of Homeland Security			
	Chlorosoman		7040-57-5	Regulated by Dept. of Homeland Security			
	Chromic acid		7738-94-5	OSHA Regulated Toxic Substance			
	Crimidine		535-89-7	Extremely Hazardous Substance			
	Cumene	isopropylbenzene	98-82-8	Class B Peroxide			
	Colchicine		64-86-8	Extremely Hazardous Substance			
	Coumaphos		56-72-4	Extremely Hazardous Substance			
	Cyanogen		460-19-5	Particularly Hazardous Substance	Acutely Hazardous Waste	Toxic Gas	
	Cyanogen chloride		506-77-4	Extremely Hazardous Substance	Acutely Hazardous Waste	Toxic Gas	
	Cyanuric Fluoride		675-14-9	Extremely Hazardous Substance			
	Cyclohexene		110-83-8	Class B Peroxide			

X	Chemical Name	Synonym	CAS Number	Quantity in your Laboratory			
				Hazard	Hazard	Hazard	
	Cycloheximide		66-81-9		Extremely Hazardous Substance		
	Cyclopentene		142-29-0		Class B Peroxide		
	DF	Methyl phosphonyl difluoride	676-99-3		Regulated by Dept. of Homeland Security		
	Decalin	Decahydronaphthalene	91-17-8		Class B Peroxide		
	Diacetylene	Butadyne	460-12-8		Class B Peroxide		
	Diborane	Boroethane	019287-45-7		Extremely Hazardous Substance	Toxic Gas	Particularly Hazardous Substance
	1,2-Dibromo-3-chloropropane		96-12-8		OSHA Regulated Toxic Substance	Particularly Hazardous Substance	
	3,3'-Dichlorobenzidine (and its salts)		91941		OSHA Carcinogen	OSHA Regulated Toxic Substance	Particularly Hazardous Substance
	Dichloro borane		10325-39-0		Pyrophoric	Toxic Gas	
	Dicrotophos		141-66-2		Extremely Hazardous Substance		
	Dicumyl peroxide		80-43-3		Class B Peroxide		
	dicyclopentadiene		77-73-6		Class B Peroxide		
	diethyl ether	ether	000060-29-7		Class B Peroxide		
	Diethyl methylphosphonate		15715-41-0		Regulated by Dept. of Homeland Security		
	Diethylene glycol dimethyl ether	diglyme	000111-96-6		Class B Peroxide		
	Diisopropyl ether	isopropyl ether	108-20-3		Class A Peroxide		
	Diisopropylfluorophosphate	Isofluorphate	55-91-4		Extremely Hazardous Substance	Acutely Hazardous Waste	
	Digitoxin		71-63-6		Extremely Hazardous Substance		
	Dimethyl-p-phenylenediamine		99-98-9		Extremely Hazardous Substance		
	4-Dimethylaminoazobenzene		60-11-7		OSHA Carcinogen	OSHA Regulated Toxic Substance	Particularly Hazardous Substance
	Dinitroresol	4,6-Dinitro-o-cresol	534-52-1		Extremely Hazardous Substance	Acutely Hazardous Waste	
	Dinitrogen tetroxide		10544-72-6		Toxic Gas	Particularly Hazardous Substance	
	Dinoseb		88-85-7		Extremely Hazardous Substance	Acutely Hazardous Waste	
	1,4-Dioxane	P-Dioxane, dioxane	123-91-1		Class B Peroxide	Particularly Hazardous Substance	
	Diphacinone		82-66-6		Extremely Hazardous Substance		
	Diphosphoramidate, octamethyl-		152-16-9		Extremely Hazardous Substance	Acutely Hazardous Waste	

X	Chemical Name	Synonym	CAS Number	Quantity in your Laboratory			
				Hazard	Hazard	Hazard	
	Di-tert-butyl peroxide		110-05-4		Shock Sensitive/ Explosive		
	Dithiobiuret	2,4-dithiobiuret	541-53-7		Extremely Hazardous Substance	Acutely Hazardous Waste	
	Divinylacetylene (DVA)	divinyl acetylene	821-08-9		Class A Peroxide		
	Emetine, dihydrochloride		316-42-7		Extremely Hazardous Substance		
	Endosulfan		115-29-7		Extremely Hazardous Substance	Acutely Hazardous Waste	Particularly Hazardous Substance
	EPN		2104-64-5		Extremely Hazardous Substance		
	Ethyl Ether	diethyl ether	60-29-7		Class B Peroxide		
	Ethyl phosphonyl difluoride		753-98-0		Regulated by Dept. of Homeland Security		
	Ethylene dibromide		106-93-4		OSHA Regulated Toxic Substance	Particularly Hazardous Substance	
	Ethylene dichloride		107-06-2		OSHA Regulated Toxic Substance	Particularly Hazardous Substance	
	Ethylene Fluorohydrin		371-62-0		Extremely Hazardous Substance		
	ethylene glycol dimethyl ether	glyme	110-71-4		Class B Peroxide		
	Ethyleneimine		151564		Particularly Hazardous Substance	Acutely Hazardous Waste	OSHA Carcinogen
	Ethylphosphonothioic dichloride (>30%)		993-43-1		Regulated by Dept. of Homeland Security		
	Fluorine		7782-41-4		Particularly Hazardous Substance	Acutely Hazardous Waste	Toxic Gas
	Fluoroacetic Acid		144-49-0		Extremely Hazardous Substance		
	Fluoroacetyl Chloride		359-06-8		Extremely Hazardous Substance		
	Fluoroacetamide		640-19-7		Extremely Hazardous Substance	Acutely Hazardous Waste	
	Formaldehyde		50-00-0		OSHA Regulated Toxic Substance	Particularly Hazardous Substance	
	Furan		110-00-9		Class B Peroxide	Particularly Hazardous Substance	
	Germane		7782-65-2		Toxic Gas	Particularly Hazardous Substance	
	Hexachlorocyclopentadiene		77-47-4		Extremely Hazardous Substance	Acutely Hazardous Waste	Particularly Hazardous Substance
	HN1	nitrogen mustard-1, Bis(2-chloroethyl)-ethylamine	538-07-8		Regulated by Dept. of Homeland Security		
	HN2	Bis (2-chloroethyl)-methylamine	51-75-2		Regulated by Dept. of Homeland Security	Particularly Hazardous Substance	
	HN3	nitrogen mustard-3,Tris(2-chloroethyl)amine	555-77-1		Regulated by Dept. of Homeland Security		
	Hydrocyanic acid	hydrogen cyanide	74-90-8		Extremely Hazardous Substance	Acutely Hazardous Waste	Particularly Hazardous Substance

X	Chemical Name	Synonym	CAS Number	Quantity in your Laboratory			
				Hazard	Hazard	Hazard	
	hydrofluoric acid	hydrogen fluoride	7664-39-3		Extremely Hazardous Substance	OSHA Regulated Toxic Substance	Particularly Hazardous Substance
	Hydrogen bromide		10035-10-6		Toxic Gas	Particularly Hazardous Substance	
	Hydrogen chloride (gas)		7647-01-0		Toxic Gas	Particularly Hazardous Substance	
	Hydrogen selenide		7783075		Toxic Gas	Particularly Hazardous Substance	
	Hydrogen sulfide		7783064		OSHA Regulated Toxic Substance	Toxic Gas	Particularly Hazardous Substance
	Isodrin		465-73-6		Extremely Hazardous Substance	Acutely Hazardous Waste	
	Isopropylphosphonothioic dichloride (>30%)		1498-60-8		Regulated by Dept. of Homeland Security		
	Isopropylphosphonyl difluoride		677-42-9		Regulated by Dept. of Homeland Security		
	Lewisite 1	(2-Chlorovinyl-dichloroarsine)	541-25-3		Extremely Hazardous Substance	Regulated by Dept. of Homeland Security	
	Lewisite 2	Bis (2-Chlorovinyl)-chloroarsine	40334-69-8		Regulated by Dept. of Homeland Security		
	Lewisite 3	Tris (2-Chlorovinyl)arsine	40334-70-1		Regulated by Dept. of Homeland Security		
	Mercury, elemental		7439-97-6		OSHA Regulated Toxic Substance		
	Methacryloyl Chloride		920-46-7		Extremely Hazardous Substance		
	Methyl chloride		000074-87-3		OSHA Regulated Toxic Substance		
	Methyl isobutyl ketone		108-10-1		Class B Peroxide	Particularly Hazardous Substance	
	Methyl parathion	parathion-methyl	298-00-0		Extremely Hazardous Substance	Acutely Hazardous Waste	
	Methyl Phosphonic Dichloride		676-97-1		Extremely Hazardous Substance	Particularly Hazardous Substance	
	Methyl Vinyl ketone		78-94-4		Extremely Hazardous Substance	Particularly Hazardous Substance	
	Methylacetylene		74-99-7		Class B Peroxide		
	Methylcyclopentane		96-37-1		Class B Peroxide		
	Methylene chloride		75-09-2		OSHA Regulated Toxic Substance	Particularly Hazardous Substance	
	Methylethyl ketone peroxide		1338-23-4		Shock Sensitive/ Explosive	Particularly Hazardous Substance	
	Methylphosphonothioic dichloride		676-98-2		Regulated by Dept. of Homeland Security		
	Metolcarb		1129-41-5		Extremely Hazardous Substance	Acutely Hazardous Waste	
	Mustard Gas		505-60-2		Regulated by Dept. of Homeland Security	Particularly Hazardous Substance	
	N,N-(2-diethylamino)ethanethiol		100-38-9		Regulated by Dept. of Homeland Security		

X	Chemical Name	Synonym	CAS Number	Quantity in your Laboratory			
				Hazard	Hazard	Hazard	
	N,N-(2-diisopropylamino)ethanethiol		05542-07-9		Regulated by Dept. of Homeland Security		
	N,N-(2-dimethylamino)ethanethiol (>30%)		108-02-1		Regulated by Dept. of Homeland Security		
	N,N-(2-dipropylamino)ethanethiol (>30%)		05842-06-8		Regulated by Dept. of Homeland Security		
	N,N-Diethyl phosphoramidic dichloride		1498-54-0		Regulated by Dept. of Homeland Security		
	N,N-Diisopropyl phosphoramidic dichloride (>30%)		23306-80-1		Regulated by Dept. of Homeland Security		
	N,N-Dimethyl phosphoramidic dichloride (>30%)		677-43-0		Regulated by Dept. of Homeland Security		
	Nickel carbonyl		13463-39-3		Extremely Hazardous Substance	Acutely Hazardous Waste	Particularly Hazardous Substance
	Nicotine	Pyridine, 3-(1-methyl-2-pyrrolidinyl)-, (S)	54-11-5		Extremely Hazardous Substance	Acutely Hazardous Waste	
	Nicotine Sulfate		65-30-5		Extremely Hazardous Substance		
	Nitric oxide	nitrogen oxide	10102-43-9		Particularly Hazardous Substance	Acutely Hazardous Waste	Toxic Gas
	4-Nitrobiphenyl		92-93-3		OSHA Carcinogen	OSHA Regulated Toxic Substance	
	Nitrogen dioxide		10102-44-0		Particularly Hazardous Substance	Acutely Hazardous Waste	Toxic Gas
	Nitrogen mustard hydrochloride	Bis (2-chloroethyl)methylamine hydrochloride (>30%)	55-86-7		Regulated by Dept. of Homeland Security	Particularly Hazardous Substance	
	Nitrogen trifluoride		7783-54-2		Toxic Gas	Particularly Hazardous Substance	
	Nitrogen trioxide		104797-55-8		Toxic Gas		
	Nitrosyl chloride		2696-92-6		Toxic Gas	Particularly Hazardous Substance	
	Nitrourea		556-89-8		Pyrophoric	Particularly Hazardous Substance	
	Nitrous oxide		10024-97-2		Toxic Gas		
	N-Nitrosodimethylamine		62759		Extremely Hazardous Substance	Acutely Hazardous Waste	OSHA Carcinogen
	Norbormide		991-42-4		Extremely Hazardous Substance		
	o,o-Diethyl S-[2-(diethylamino)ethyl] phosphorothiolate		78-53-5		Regulated by Dept. of Homeland Security	Particularly Hazardous Substance	
	O-Mustard (T)	Bis (2-Chloroethoxy) ether	63918-89-8		Regulated by Dept. of Homeland Security		
	oxamyl		23135-22-0		Extremely Hazardous Substance	Acutely Hazardous Waste	
	Oxygen difluoride		7783-41-7		Toxic Gas	Particularly Hazardous Substance	
	Ouabain		630-60-4		Extremely Hazardous Substance		
	Parathion	phosphorothioic acid; O,O-diethyl-O-(4-nitrophenyl) ester	56-38-2		Extremely Hazardous Substance	Acutely Hazardous Waste	

X	Chemical Name	Synonym	CAS Number	Quantity in your Laboratory			
				Hazard	Hazard	Hazard	
	Paraquat dichloride		1910-42-5		Extremely Hazardous Substance		
	Paraquat methosulfate		2074-50-2		Extremely Hazardous Substance		
	Peracetic acid		79-21-0		Shock Sensitive/ Explosive	Particularly Hazardous Substance	
	Perchloric acid		7601-90-3		Shock Sensitive/ Explosive	Particularly Hazardous Substance	
	Phenylsilatrane		2097-19-0		Extremely Hazardous Substance		
	Phenylthiourea		103-85-5		Extremely Hazardous Substance	Acutely Hazardous Waste	
	Phorate		298-02-2		Extremely Hazardous Substance	Acutely Hazardous Waste	
	Phosfolan		947-02-4		Extremely Hazardous Substance		
	Phosgene	carbonic dichloride	75-44-5		Particularly Hazardous Substance	Acutely Hazardous Waste	Toxic Gas
	Phosmet		732-11-6		Extremely Hazardous Substance		
	Phosphine		7803-51-2		Particularly Hazardous Substance	Pyrophoric	Toxic Gas
	Phosphorus pentafluoride		7647-19-0		Toxic Gas	Particularly Hazardous Substance	
	Phosphorus, elemental, white or yellow		7723-14-0		Extremely Hazardous Substance	Pyrophoric	Particularly Hazardous Substance
	Physostigmine		57-47-6		Extremely Hazardous Substance	Acutely Hazardous Waste	
	Physostigmine, salicylate (1:1)		57-64-7		Extremely Hazardous Substance	Acutely Hazardous Waste	
	Picric acid		88-89-1		Shock Sensitive/ Explosive	Particularly Hazardous Substance	
	Plumbane, tetramethyl-		75-74-1		Extremely Hazardous Substance	Particularly Hazardous Substance	
	Polychlorinated Biphenyls (PCBs)		several		Extremely Hazardous Substance	Particularly Hazardous Substance	
	potassium amide		17242-52-3		Class A Peroxide		
	Potassium cyanide		151-50-8		Extremely Hazardous Substance	Acutely Hazardous Waste	
	Potassium, elemental		7440235		Pyrophoric	Class A Peroxide	Particularly Hazardous Substance
	2-Propenoyl Chloride	Acrylyl Chloride	814-68-6		Extremely Hazardous Substance		
	Propargyl bromide		106-96-7		Extremely Hazardous Substance		
	Propiophenone, 4'-amino		70-69-9		Extremely Hazardous Substance		
	Propylphosphonothioic Dichloride		2524-01-08		Regulated by Dept. of Homeland Security		
	Propylphosphonyl difluoride		690-14-2		Regulated by Dept. of Homeland Security		

X	Chemical Name	Synonym	CAS Number	Quantity in your Laboratory			
				Hazard	Hazard	Hazard	
	Prothoate		2275-18-5		Extremely Hazardous Substance		
	Rubidium, elemental		7440-17-7		Pyrophoric	Particularly Hazardous Substance	
	Sarin, o-Isopropyl	methylphosphono-fluoridate	107-44-8		Extremely Hazardous Substance	Regulated by Dept. of Homeland Security	Particularly Hazardous Substance
	Selenium hexafluoride		7783-41-7		Toxic Gas	Particularly Hazardous Substance	
	Sesquimustard	1,2-Bis(2-chloroethylthio) ethane	3563-36-8		Regulated by Dept. of Homeland Security		
	Silane		7803-62-5		Pyrophoric		
	Silicon Tetrafluoride		7783-61-1		Toxic Gas	Particularly Hazardous Substance	
	Sodium Amide	sodamide	7782-92-5		Class A Peroxide	Particularly Hazardous Substance	
	Sodium Cacodylate		124-65-2		Extremely Hazardous Substance		
	Sodium cyanide		143-33-9		Extremely Hazardous Substance	Acutely Hazardous Waste	
	Sodium fluoroacetate	Fluoroacetic acid, sodium salt	62-74-8		Extremely Hazardous Substance	Acutely Hazardous Waste	
	Soman, o-Pinacolyl	methylphosphono-fluoridate	96-64-0		Regulated by Dept. of Homeland Security		
	Stibine		7803-32-3		Toxic Gas	Pyrophoric	
	Strychnine Sulfate		60-41-3		Extremely Hazardous Substance		
	Strychnine		57-24-9		Extremely Hazardous Substance	Acutely Hazardous Waste	
	Styrene		100-42-5		OSHA Regulated Toxic Substance	Particularly Hazardous Substance	
	Sulfur Dioxide		7446.05.09		Toxic Gas		
	Sulfur tetrafluoride	sulfur fluoride (SF4), (T-4)	7783-60-0		Extremely Hazardous Substance	Toxic Gas	
	Sulfur Trioxide		007446-11-9		Extremely Hazardous Substance		
	Tabun	(o-Ethyl-N,N-dimethylphosphoramido-cyanidate)	77-81-6		Extremely Hazardous Substance	Regulated by Dept. of Homeland Security	
	Tellurium Hexafluoride		7783-80-4		Extremely Hazardous Substance	Toxic Gas	Particularly Hazardous Substance
	tert-Butyl Hydroperoxide		75-91-2		Shock Sensitive/ Explosive	Particularly Hazardous Substance	
	Tetrachloroethylene		127-18-4		OSHA Regulated Toxic Substance	Particularly Hazardous Substance	
	Tetraethyl Lead		78-00-2		Extremely Hazardous Substance	Acutely Hazardous Waste	
	Tetraethyldithiopyrophosphate		3689-24-5		Extremely Hazardous Substance	Acutely Hazardous Waste	Toxic Gas
	Tetraethylpyrophosphate	Tetraethyl, TEPP	107-49-3		Extremely Hazardous Substance	Toxic Gas	

X	Chemical Name	Synonym	CAS Number	Quantity in your Laboratory			
				Hazard	Hazard	Hazard	
	Tetraethyltin		597-64-8		Extremely Hazardous Substance		
	Tetrahydrofuran	THF	109-99-9		Class B Peroxide	Particularly Hazardous Substance	
	Tetralin	tetrahydronaphthalene	119-64-2		Class B Peroxide	Particularly Hazardous Substance	
	Thallium Sulfate	thallous sulfate	7446-18-6		Extremely Hazardous Substance	Acutely Hazardous Waste	
	Thiodiglycol (>30%)		111-48-8		Regulated by Dept. of Homeland Security		
	Thiofanox		39196-18-4		Extremely Hazardous Substance	Acutely Hazardous Waste	
	Thiosemicarbazide		79-19-6		Extremely Hazardous Substance	Acutely Hazardous Waste	
	Thiourea, 2-chlorophenyl		5344-82-1		Extremely Hazardous Substance	Acutely Hazardous Waste	
	Toluene		108-88-3		OSHA Regulated Toxic Substance	Particularly Hazardous Substance	
	2,4,5 trichloro phenoxyacetic acid		93-76-5		Shock Sensitive/ Explosive		
	Trichloroethylene		79-01-6		OSHA Regulated Toxic Substance	Particularly Hazardous Substance	
	Trichloro(chloromethyl)silane		1558-25-4		Extremely Hazardous Substance		
	Vanadium pentoxide		1314-62-1		Extremely Hazardous Substance	Acutely Hazardous Waste	Particularly Hazardous Substance
	Vinyl Chloride		75-01-4		OSHA Regulated Toxic Substance	OSHA Carcinogen	Particularly Hazardous Substance
	Vinyl ethers				Class B Peroxide		
	Vinylidene chloride	1,1-dichloroethylene	75-35-4		Class A Peroxide	Particularly Hazardous Substance	
	VX	o-ethyl-S-2-diisopropylaminoethyl methyl phosphonothiolate	50782-69-9		Pyrophoric		
	Warfarin, & salts (>0.3 %)		81812A		Extremely Hazardous Substance	Acutely Hazardous Waste	