

CHEMICAL RATING GUIDE

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UNIVERSITY OF WESTERN ONTARIO
OCCUPATIONAL HEALTH AND SAFETY

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LEGEND

HAZARD RATINGS

HEALTH	=	Hlth
FLAMMABILITY	=	Flam
REACTIVITY	=	React
PERSONAL PROTECTION	=	PPE

WHMIS Hazard Classes

B	=	Flammable & Combustible
C	=	Oxidizing Materials
D1	=	Immediate and Serious Toxic Effects
D2	=	Other Toxic Effects
E	=	Corrosive Materials
F	=	Dangerously Reactive Materials

Note: The Personal Protection code is a recommendation for labs where the use of lab coats and fumehoods are standard practice. Other situations may require more protective equipment to be worn.

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UWO CHEMICAL RATING GUIDE

CHEMICAL NAME	Hazard Rating				WHMIS Hazard Class					
	HLTH	FLAM	REACT	PPE	B	C	D1	D2	E	F
1,10-Phenanthroline	1	1	0	A						
1,10-Phenanthroline monohydrate	1	1	0	A						
1,2-Dichloroethane	1	3	0	A	F			T		
1,2-Dichloroethane	1	3	0	A	F			T		
1,2-Dicyanobenzene	2	1	0	B				T		
1,2-Dicyanobenzene	2	1	0	B				T		
1,2-Dimethoxy ethane	2	3	0	B	F					
1,2-Dimethoxy Ethane	2	3	0	B	F					
1,2-Naphthoquinone	1	1	0	A						
1,3,5-Trinitrobenzene	2	4	4	B	F			T		R
1,4-Dioxane	2	3	1	B	F			T		
1,4-Dichlorobutane	2	2	0	B	F			T		
1,6-Hexanediamine	2	2	0	B	F			T		
10% Acetic acid, 10% methanol sol	2	2	0	B	F				C	
1-Amino-2-naphyl-4-sulfonic acid	2	1	0	B				T		
1-Bromobutane	2	3	0	B	F					
1-Bromonaphthalene	2	1	0	B				T		
1-Butanol	2	3	0	B	F					
1-Chlorobutane	2	3	0	B	F			T		
1-Hexyne	2	3	0	B	F			T		
1-Naphthyl acetate	2	1	0	A				T		
1-Naphthol	1	1	0	A						
1-Phenyl semicarbazide	2	1	0	B				T		
1-Propanol	1	3	0	A	F					
2,2,2-Tribromoethanol	2	1	0	B				T		
2,2-Dimethyl-1,3-propanediol	2	1	0	A				T		
2,2'-Dipyridyl	2	1	0	B				T		
2,3-Butanediol	1	2	0	A	F					
2,3-Dimethyl aniline	3	1	0	B				T		
2,4-Dichlorophenol	2	1	0	B				T		
2,4-Dimethyl pentone	2	3	0	A	F			T		
2,4-Dinitroanaline	2	1	3	B			P			R
2,4-Dinitrochlorobenzene	2	1	0	B			P			
2,4-Dinitrophenol	3	2	3	B	F		P			R
2,4-Dinitrophenyl hydrazine	2	1	3	B				T		R
2,4-Dinitrophenylhydrazine Reagen	3	3	1	B	F			T	C	
2,4-Pentanedione	2	3	0	B	F			T		
2,6-Lutidine	3	3	0	C	F		P			
2,9-Dimethyl-1,10-phenanthroline	2	1	0	B				T		
20% Ammonium hydrogen fluoride	3	0	0	B				T	C	
2-Amino-2-methyl-1,3-propanediol	1	1	0	A						
2-Bromo-2-methylpropane	2	3	0	B	F			T		
2-Bromoacetophenone	2	1	0	B				T		
2-Bromobutane	2	3	0	B	F			T		
2-Butanol	2	3	0	B	F			T		
2-Chloro-2-methylpropane	2	3	0	B	F			T		
2-Ethoxyethanol	2	2	0	B	F			T		
2-Hexanone	2	3	0	B	F			T		
2-Hydroxyethylmethacrylate	3	1	0	B			P			

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CHEMICAL NAME	Hazard Rating				WHMIS Hazard Class					
	HLTH	FLAM	REACT	PPE	B	C	D1	D2	E	F
2-Iodobenzoic acid	2	1	0	B				T		
2-Mercaptoethanol deionized water	2	0	0	B				T		
2-Methoxyethanol	2	2	0	B	F		P			
2-Methyl 2-propanol	1	3	0	A	F					
2-Methyl-2,4-pentanediol	1	1	0	A						
2-Methylbutyric acid	2	2	0	B	F			T		
2-Methylnaphthalene	2	1	0	B				T		
2-Octanol	1	2	0	A	F					
2-Octanone	1	2	0	A	F					
2-Pentanone	2	3	0	A	F			T		
2-Propanol	2	3	0	B	F			T		
2-Thiobarbituric acid	2	1	0	B				T		
3,3'-Diaminobenzidine	3	1	0	B			P			
3,5-Dinitrobenzoic acid	2	1	0	B				T		
3,5-Dinitrobenzoyl chloride	2	0	0	B				T		
3,5-Dinitrosalicylic acid	2	1	0	B				T		
3-Nitrophthalic Anhydride	2	1	0	B				T		
3-Pentanone	1	3	1	A	F					
3-Phenylpropionic acid	2	1	0	B				T		
4-Aminoantipyrine	1	1	0	A						
4-Methyl-2-pentanol	1	2	0	A	F					
5-Azacytidine	3	1	0	B			P			
5-Propiophenone	1	2	0	A	F					
5-Sulphosalicylic acid	1	1	0	A						
7X Biodegradable detergent	1	0	0	A						
8-Hydroxyquinoline	2	1	0	B				T		
8-Quinolinol	3	1	0	B			P			
9-Aminoacridine	2	1	0	B				T		
Absolute alcohol	2	3	0	A	F			T		
Acacia (gum arabic)	0	0	0	A						
Acetaldehyde	2	4	1	B	F			T		
Acetamime scarlet B	1	0	0	A						
Acetanilide	2	1	0	B				T		
Acetic acid	3	2	1	Q	F			T	C	
Acetic acid .5M	1	1	0	A						
Acetic acid 0.05M	1	0	0	A						
Acetic acid 0.15M	1	0	0	A						
Acetic acid 1.5M	2	1	0	B				T	C	
Acetic acid 1M	2	1	0	B				T	C	
Acetic acid 2M	2	1	0	B				T	C	
Acetic anhydride	3	2	1	C	F			T		
Acetonapthene	1	1	0	A						
Acetone	2	3	0	B	F			T		
Acetone:methanol (90:10)	2	3	0	B	F			T		
Acetonitrile	2	3	1	B	F			T		
Acetophenone	1	2	0	A	F					
Acetyl chloride	3	2	2	B	F		P		C	
Acetylsalicylic acid	2	1	0	A			P			
A-Chloralose	2	1	0	B				T		

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CHEMICAL NAME	Hazard Rating				WHMIS Hazard Class					
	HLTH	FLAM	REACT	PPE	B	C	D1	D2	E	F
A-Chloroacetophenone	2	1	0	B				T		
Acid mercuric chloride	3	0	0	B			P		C	
Acotinic acid	2	1	0	A				T		
Acridine orange	1	1	0	A						
Acriflavin	2	1	0	B				T		
Acrilamide and bis solution	2	0	0	B			P			
Acrolein	3	4	2	Q	F		P			R
Acrylamide	3	1	0	B			P			
Acrylic acid	3	2	1	Q	F		P		C	
Actinomycin d	4	1	0	B			P			
Acufix rapid fixer sol'n	1	0	0	A						
Acuprint developer sol'n	1	0	0	A						
Adenine	1	1	0	A						
Adenine 5-triphosphatase	1	1	0	A						
Adenine hydrochloride	1	1	0	A						
Adenine sulphate	1	1	0	A						
Adenosine	1	1	0	A						
Adenosine 5' diphosphate	1	1	0	A						
Adenosine 5' monophosphoric acid	1	1	0	A						
Adenosine 5' triphosphate	1	1	0	A						
Adipic acid	1	1	0	A						
Agar	0	0	0	A						
Agar, base	0	1	0	A						
Agar, brilliant green	0	1	0	A						
Agar, malt extract	0	1	0	A						
Agar, noble	0	1	0	A						
Agarose	0	1	0	A						
Agarose II	0	1	0	A						
Agrox NM	2	0	0	B				T		
Alanine	1	0	0	A						
Albumin	1	1	0	A						
Albumin fixative	1	1	0	A						
Alcoholic sulphuric acid	3	3	0	B	F			T	C	
Alcojet detergent	2	0	0	B				T		
Alconox detergent	2	1	0	A						
Aldolase	2	1	0	A				T		
Allantoin	1	1	0	A						
Allyl alcohol	2	3	0	B	F			T		
Alp 10	1	1	0	A						
Alpha naphthalene sulfonyl	3	1	0	B				T	C	
Alpha naphthyl isothiocyanate	2	1	1	B				T		
Alpha terpineol	2	2	0	A	F			T		
Alpha-chloroacetophenone	2	1	0	B				T		
Alumina	0	0	0	A						
Aluminum ammonium sulphate	1	0	0	A						
Aluminum bromide	3	0	1	B					C	
Aluminum chloride	3	0	2	B					C	
Aluminum lithium hydride	3	0	2	B			P		C	R
Aluminum nitrate	2	0	0	B		O				

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	HLTH	FLAM	REACT	PPE	B	C	D1	D2	E	F
Aluminum oxide	0	0	0	A						
Aluminum potassium phosphate	1	0	0	A						
Aluminum potassium sulphate	1	0	0	A						
Aluminum sulfate 0.2M	1	0	0	A						
Aluminum sulfate.18H2O	2	0	0	B				T		
Alzarine red	1	1	0	A						
Amberlite MB1	1	1	0	A						
Amiloride hydrochloride	3	1	0	B			P			
Aminoguanidine bicarbonate	1	0	0	A						
Amino-N-caproic acid	1	1	0	A						
Ammonia buf NH4Cl+143ml NH4OH	3	0	0	B				T	C	
Ammonium acetate	2	0	0	B						
Ammonium bicarbonate	2	0	0	B				T		
Ammonium carbonate	2	0	0	B				T		
Ammonium chloride	1	0	0	A						
Ammonium chloride 0.1M	1	0	0	A						
Ammonium chloride sat. sol'n	1	0	0	A						
Ammonium dichromate	2	0	2	P		O	P			
Ammonium ferric citrate	1	0	0	A						
Ammonium ferric sulphate	1	0	0	A						
Ammonium ferrous sulphate	1	0	0	A						
Ammonium formate	2	0	0	B				T		
Ammonium hydrogen orthophosphate	1	0	0	A						
Ammonium hydroxide	3	0	0	Q				T	C	
Ammonium hydroxide 10%	3	0	0	P				T	C	
Ammonium hydroxide 3M	3	0	0	B				T	C	
Ammonium hydroxide 5%	3	0	0	B				T	C	
Ammonium hydroxide 6M	3	0	0	P				T	C	
Ammonium molybdate	2	0	0	B			P			
Ammonium molybdate 0.5M	1	0	0	A						
Ammonium nitrate	2	0	0	B		O		T		
Ammonium nitrate 0.2M	1	0	0	A						
Ammonium oxalate	3	0	0	B			P			
Ammonium peroxodisulfate	2	1	0	B		O		T		
Ammonium persulphate	3	0	1	B		O			C	
Ammonium phosphate monobasic	0	0	0	A						
Ammonium sulfate	1	0	0	A						
Ammonium sulfide	2	0	0	B				T		
Ammonium tartrate	1	1	0	A						
Ammonium thiocyanate	2	0	0	B				T		
Ampicillin	3	1	0	B			P			
Ampicillin sodium crystalline	3	1	0	B			P			
Amyl acetate	2	3	0	B	F			T		
Amyl alcohol	1	3	0	A	F					
Angiotensin	3	1	0	B			P			
Aniline	3	2	0	B	F		P			
Aniline blue	1	1	0	A						
Aniline hydrochloride	3	1	0	B			P			
Animal charcoal	1	3	0	A	F					

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	HLTH	FLAM	REACT	PPE	B	C	D1	D2	E	F
Antimony trichloride	3	0	1	C				T	C	
Anion exchange resin	2	0	0	B				T		
Anis/benzaldehyde (2%) in benzene	3	3	0	B	F		P			
Anisaldehyde (2%) in benzene	3	3	0	B	F		P			
Anisole	2	2	0	B	F			T		
Anthracene	2	1	0	B				T		
Anthranilic acid	1	1	0	A						
Anthrone	1	1	0	A						
Antifoam A	1	0	0	A						
Antimony potassium tartrate	1	0	0	A						
Anti-rabbit IGG	2	0	0	A				T		
Aphidicolin	2	1	0	B				T		
Apomorphine hydrochloride	3	1	0	B			P			
Aprontinin	2	1	0	A				T		
Apyrase	2	1	0	A				T		
Arachidonic acid	3	1	0	B			P			
Arginine monohydrochloride	0	0	0	A						
Arsenazo III sodium	3	0	0	B			P			
Arsenous oxide 0.1N standard	3	0	0	B			P			
Arterenol bitartrate	3	1	0	B			P			
Asbestos	3	0	0	E			P			
Ascorbic acid	1	1	0	A						
Asparagine	1	1	0	A						
Atrazine	2	0	0	B				T		
Atropine sulphate	2	1	0	B			P			
Auramine	1	0	0	A						
Avicel	0	1	0	A						
Azoxybenzene	2	1	0	B				T		
Azure 1	1	1	0	A						
Azure 2	1	1	0	A						
Bacitracin	1	0	0	A						
Barium acetate	1	0	0	A						
Barium carbonate	2	0	0	A				T		
Barium chloride	2	0	0	B			P			
Barium chloride 0.1M	2	0	0	B			P			
Barium hydroxide	3	0	0	B				T	C	
Barium nitrite	2	0	1	B		O		T		
Barium peroxide	3	0	1	B		O	P			
Barium sulfate	1	0	0	A						
Barritt's reagent, part A	2	3	0	B	F			T		
Barritt's reagent, part B	3	0	0	B				T	C	
Basic fuchsin	1	1	0	A						
Bathophenanthroline	2	0	0	A				T		
Beckman trace klean	2	0	0	B				T	C	
Beef extract	0	0	0	A						
Benedicts reagent	1	0	0	A						
Benlate	2	1	0	A				T		
Bentonite	1	0	0	A						
Benzaldehyde	1	2	0	A	F					

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	HLTH	FLAM	REACT	PPE	B	C	D1	D2	E	F
Benzaldehyde (2%) in benzene	3	3	0	B	F		P			
Benzamide	1	0	0	A						
Benzene	3	3	1	C	F			T		
Benzene deuterated	3	3	0	C	F			T		
Benzene:dioxane:acetic acid 78:20:	3	3	0	C	F		P			
Benzidine	3	1	2	C			P			
Benzoic acid	2	1	0	B				T		
Benzoic acid/urea	2	1	0	B						
Benzoin	1	1	0	A						
Benzonitrile	2	2	0	B	F			T		
Benzophenone	2	2	0	B	F			T		
Benzotriazole	2	1	0	B				T		
Benzoyl chloride	3	1	2	B				T	C	
Benzoyl peroxide	2	2	3	D	F			T		R
Benzyl acetate	2	1	0	A				T		
Benzyl Amine	3	2	0	B	F		P			
Benzyl Benzoate	2	2	0	A	F			T		
Benzyl chloride	3	2	1	B	F		P		C	
Beryllium sulphate	3	0	0	B			P			
B-fructose	0	1	0	A						
Bicucullin	2	1	0	B				T		
Biotin	1	0	0	A						
Biphenyl	2	1	0	B				T		
Bismark brown	2	1	0	B				T		
Bismuth metal	1	1	0	A						
Bismuth subcarbonate	1	0	0	A						
B-methoxypropionitrile	1	2	0	A	F					
B-nicotinamide	1	0	0	A						
Boileezers	0	0	0	A						
Bone wax	0	1	0	A						
Boracic acid	2	0	0	B				T		
Borax	1	0	0	A						
Borer killer	3	2	1	X			P			
Boric acid	2	0	0	B				T		
Botran 50%	2	1	0	B				T		
Bovine albumin	1	1	0	A						
Brain heart infusion	0	0	0	A						
Brij 35 solution	2	0	0	B				T		
Brij 58	2	0	0	B				T		
Brilliant blue	2	0	0	B				T		
Bromocresol green 0.04% sol'n	1	0	0	A						
Bromelain	2	1	0	B				T		
Bromine (5%) in carbon	3	0	0	B			P		C	
Bromobenzene	2	2	0	B	F			T		
Bromocresol green indicator	1	0	0	A						
Bromocresol purple	1	1	0	A						
Bromoform	3	0	0	P			P			
Bromophenol blue	1	1	0	A						
Bromophenol blue ind.	1	0	0	A						

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	HLTH	FLAM	REACT	PPE	B	C	D1	D2	E	F
Bromothymol blue	1	0	0	A						
Buffer solution	1	0	0	A						
Buffer solution pH 7.00	1	0	0	A						
Butvar	2	1	0	B				T		
Butyl alcohol	2	3	0	B	F			T		
Butyl ether	2	3	0	A	F			T		
Butylated hydroxytoluene	2	1	0	B				T		
Butyraldehyde	2	3	0	B	F			T		
Butyric acid	2	2	0	B	F			T		
Butyrolactone	2	2	0	B	F			T		
Cacodylic acid	4	0	0	Q			P		C	
Cadium acetate	3	0	0	E			P			
Cadium metal	3	0	0	A			P			
Cadium nitrate	3	0	1	E		O	P			
Cadmium chloride	3	0	0	B			P			
Cadmium in potassium nitrate sol'n	3	0	0	B			P			
Cadmium iodide	3	0	0	B			P			
Cadmium sulphate	3	0	0	B			P			
Caffiene	1	1	0	A						
Calcium carbonate	1	0	0	A						
Calcium bicarbonate	1	0	0	A						
Calcium carbide	2	2	2	C	F			T		R
Calcium carbonate sat	0	0	0	A						
Calcium chloride	2	0	0	B						
Calcium hydride	3	3	1	B	F			T	C	
Calcium hydroxide sat	3	0	0	B				T	C	
Calcium hypochlorite	3	0	2	B		O		T	C	
Calcium lactate	1	1	0	A						
Calcium nitrate	1	0	0	A		O				
Calcium oxalate	2	0	0	B			P			
Calcium oxide	3	0	0	B				T	C	
Calcium pantothenate	0	1	0	A						
Calcium phosphate, dibasic	1	0	0	A						
Calcium sulfate	1	0	0	A						
Calcium sulfate sat	0	0	0	A						
Calcium sulfide	2	0	1	B				T		
Calixin	2	1	0	B				T		
Camphor	2	1	0	B				T		
Canada balsam	1	1	0	A						
Captan 10 fungicide	2	0	0	B				T		
Carbaryl (sevin)	4	2	0	Q	F		P			
Carbol fuchin reagent	3	0	0	B			P			
Carbol fuchsin	3	2	0	B	F		P		C	
Carbon tetrachloride	3	0	0	B			P			
Carbonic acid	2	0	1	B				T	C	
Carborundum	1	0	0	A						
Carbowax	0	1	0	A						
Carmine	1	0	0	A						
Carophylene	1	1	0	A						

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	HLTH	FLAM	REACT	PPE	B	C	D1	D2	E	F
Carotene beta	1	1	0	A						
Casamino acids	0	0	0	A						
Casein	0	1	0	A						
Casein hydrolysate	1	1	0	A						
Casein mannitol	0	1	0	A						
Castle powder soap	1	0	0	A						
Castor oil	2	1	0	A				T		
Catalyst-diethylaminoethanol+HC1	3	1	0	B				T	C	
Catechol	2	1	0	B			P			
Cation exchange resin	2	0	0	A				T		
Cedarwood, oil of	2	1	0	A				T		
Celite	2	0	0	E				T		
Cellulose	0	1	0	A						
Ceric ammonium nitrate	2	0	1	B		O		T		
Ceric sulphate	2	0	0	B				T		
Certo	1	0	0	A						
Cesium (III) nitrate	1	0	1	A		O				
Cesium AA STD 5000 PPM	1	0	0	A						
Cesium chloride	1	0	0	A						
Cesium sulphate	1	0	0	A						
Cetyltrimethylammonium bromide	2	0	0	B			P			
Charcoal	1	2	0	A	F					
Chloral hydrate	2	1	0	B			P			
Chloramine T	2	1	0	B				T		
Chloramphenicol	3	1	0	B			P			
Chloride naphthyl isocyanate	2	1	1	B				T		
Chlorine gas	4	0	2	P		O	P		C	
Chlorine water sat	3	0	0	B			P		C	
Chloroacetic acid	3	1	0	P			P		C	
Chlorobenzene	3	2	0	B	F		P			
Chloroform	3	0	0	B			P			
Chlorophenol red	1	1	0	A						
Chloroplatinic acid	3	0	0	B			P			
Chloroquine	2	1	0	B				T		
Chlorosulfonic acid	3	1	0	Q		O	P		C	
Cholecalciferol	3	1	0	B			P			
Cholesterol	1	1	0	A						
Cholic acid	2	1	0	B				T		
Choline chloride	1	0	0	A						
Chorionic gonadotropin	3	1	0	B			P			
Chromic acid	3	0	1	Q		O	P		C	
Chromic acid cleaning sol'n	3	0	2	Q		O	P		C	
Chromic nitrate	3	0	1	B		O	P			
Chromic sulfate	3	0	0	B			P			
Chromium acetate	3	0	0	B			P			
Chromium chloride	3	0	0	B			P			
Chromium nitrate	3	0	1	B		O	P			
Chromium potassium sulphate	3	0	0	B						
Chromium sulphate	3	0	0	B			P			

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CHEMICAL NAME	Hazard Rating				WHMIS Hazard Class					
	HLTH	FLAM	REACT	PPE	B	C	D1	D2	E	F
Chromium trioxide	3	0	1	Q		O	P		C	
Cidex	2	0	0	B				T		
Cinnamic acid	2	1	0	B				T		
Cinnamic acid sodium salt	1	1	0	A						
Citric acid	2	1	0	B				T		
Citric acid monohydrate	2	1	0	B				T		
Cleaning solution, sodium dichroma	3	0	0	C		O	P		C	
Cloves, oil of	1	0	0	A						
Cobalt chloride	2	0	0	B				T		
Cobaltous acetate	2	0	0	A				T		
Cobaltous carbonate	2	0	0	B				T		
Cobaltous chloride	2	0	0	B				T		
Cobaltous nitrate	2	0	0	B		O		T		
Cobaltous sulfate	2	0	0	B				T		
Coconut charcoal	2	1	0	A	F					
Colchicine	2	1	0	B			P			
Collagenase	1	1	0	A						
Collodion	2	4	0	B	F			T		
Collodion flexible	2	4	0	B	F			T		
Concentrated ammonium iodide	2	0	0	B				T		
Congo red	2	1	0	B			P			
Copper chelate	1	0	0	A						
Copper chloride 0.2M	1	0	0	A						
Copper metal turnings	1	0	0	A						
Copper sulfate	2	0	0	B				T		
Copper sulfate 0.1M	1	0	0	A						
Coumarin	2	2	0	B	F		P			
Coumermycin	2	1	0	B				T		
Creatine	2	1	0	B				T		
Cresol red	1	1	0	A						
Cresol red indicator aqueous	1	0	0	A						
Crotonaldehyde	2	3	2	B	F		P			
Crystal violet	1	1	0	A						
Crystal violet, hucker's	1	0	0	A						
Cupferron	2	1	0	B				T		
Cupric acetate	2	0	0	A			P			
Cupric ammonium sulfate.H2O	1	0	0	A						
Cupric chloride	2	0	0	B			P			
Cupric hydroxide	2	0	0	B			P		C	
Cupric nitrate	2	0	0	B		O	P			
Cupric sulfate anh	2	0	0	B			P			
Cyanuric acid	2	1	0	A				T		
Cyclohexanol	2	2	0	A	F			T		
Cyclohexanone	2	2	0	B	F			T		
Cyclohexene	2	3	0	B	F			T		
Cycloheximide	3	1	0	B			P			
Cyclopentanone	2	3	0	B	F			T		
Cyclophosphamide	3	1	0	B			P			
Cysteine hydrochloride	1	0	0	A						

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CHEMICAL NAME	Hazard Rating				WHMIS Hazard Class					
	HLTH	FLAM	REACT	PPE	B	C	D1	D2	E	F
D(-)-fructose	0	1	0	A						
D-[-]-lactic acid	3	1	0	B				T		
Dafrinin D	1	0	0	A						
Decan-1-ol	1	2	0	A	F					
Dekol	2	0	0	B				T		
Deoxyribonuclease	1	1	0	A						
Dexamethasone	3	1	0	B			P			
Dextran sulphate	1	0	0	A						
Dextrin	1	2	0	A	F					
Dextrose	0	0	0	A						
D-glucose	0	1	0	A						
Diatase of malt	1	1	0	A						
Dibutyl phthalate	1	1	0	A						
Dichloropentadiene	2	3	0	B	F		P			
Diethyl aniline	2	2	0	B	F			T		
Diethyl ether	2	4	1	B	F			T		
Diethyl maleate	1	1	0	A						
Diethyl polycarbonate (DEP)	1	1	0	A						
Diethyl succinate	1	1	0	A						
Diethylamine	2	3	0	B	F			T		
Diethylene glycol	2	1	0	B				T		
Digitonin	2	0	0	A				T		
Digol	1	1	0	A						
Diisopropylamine	3	3	0	B	F			T	C	
Dimethoxyethane	1	3	0	A	F					
Dimethyl ether	2	4	0	B	F			T		
Dimethyl phthalate	2	1	0	A				T		
Dimethyl sulfoxide deuterated	2	2	0	B	F			T		
Dimethyl sulphoxide	2	2	0	B	F					
Dimethylamino-p-benzaldehyde	1	0	0	A						
Dimethyldichlorosilane	3	3	1	B	F		P			
Dimethylglyoxime	2	0	0	B				T		
Dioxane	2	3	1	B	F			T		
Diphenyl carbamyl chloride	3	1	0	B				T	C	
Diphenylacetic acid	2	1	0	A				T		
Diphenylamine	2	1	0	B				T		
Diphenylamine sulfonic acid na salt	1	1	0	A						
Diphenylthiocarbazon	1	1	0	A						
Disodium hydrogen orthophosphate	1	0	0	A						
Dithiothreitol	2	1	0	B			P			
Divinyl benzene	2	2	2	A	F			T		
DL Alanine	0	0	0	A						
DL-aspartic acid	0	1	0	A						
DL-Lysine	0	0	0	A						
DL-Menthol	1	1	0	A						
DL-Methione	0	1	0	A						
DL-Pantothenic acid	0	0	0	A						
DL-Valine	0	1	0	A						
DMF Dimethyl formamide	2	2	0	B	F			T		

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CHEMICAL NAME	Hazard Rating				WHMIS Hazard Class					
	HLTH	FLAM	REACT	PPE	B	C	D1	D2	E	F
DMP-30	2	1	0	B				T		
Dodecyl alcohol	1	1	0	B						
DPX-mountant	2	3	0	B	F			T		
Drierite	1	0	0	A						
D-xylose	0	1	0	A						
EDTA	1	0	0	A						
EDTA sol'n 0.01M	1	0	0	A						
EDTA sol'n 0.1M	1	0	0	A						
Egg albumin	1	1	0	A						
Ektaflo fixer	1	0	0	A						
Ektaflofixer solution	1	0	0	A						
En3hance spray	2	1	0	B					C	
Eosin	2	0	0	B				T		
Epinephrine	3	1	0	B			P			
Eriochrome black indicator sol'n	2	3	0	B	F			T		
Eriochrome black T	1	0	0	A						
Erythromycin	3	0	0	B			P			
Erythrosine B	2	0	0	A				T		
Estradiol	3	1	0	B			P			
Ethanethiol (Ethyl mercaptan)	2	4	0	B	F			T		
Ethanol 190 proof	2	3	0	A	F			T		
Ethanol 80%	2	3	0	B	F			T		
Ethanol:ether 75:25	2	4	0	B	F			T		
Ethanolamine	2	1	0	B				T	C	
Ether	2	4	1	B	F			T		
Ethidium bromide	2	1	0	B				T		
Ethyl acetate	2	3	0	B	F			T		
Ethyl acetoacetate	1	2	0	A	F					
Ethyl alcohol 100%	2	3	0	B	F			T		
Ethyl alcohol 20%	1	2	0	A	F					
Ethyl alcohol 50%	1	2	0	A	F					
Ethyl alcohol 70%	2	3	0	B	F			T		
Ethyl alcohol 95%	2	3	0	B	F			T		
Ethyl benzene	2	3	0	B	F			T		
Ethyl formate	2	3	0	B	F			T		
Ethyl malonate	1	2	0	A	F					
Ethyl phenyl acetate	1	1	0	A						
Ethyl salicylate	1	2	0	A	F					
Ethylamine 70% aqueous	3	3	0	B	F		P		C	
Ethylamine anhydrous	3	3	0	B	F		P		C	
Ethylene bromide	3	0	0	B			P			
Ethylene carbanate	1	1	0	A						
Ethylene dichloride	3	3	0	B	F		P			
Ethylene glycol	2	1	0	B				T		
Ethylenediaminetetraacetic Acid	1	1	0	A						
Ethylmercurithiosalicylic Acid.Na	3	0	0	B			P			
Eugenol	2	1	0	B				T		
Evans blue	1	1	0	A						
FAA (fixative, preservative)	3	3	0	B	F		P			

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CHEMICAL NAME	Hazard Rating				WHMIS Hazard Class					
	HLTH	FLAM	REACT	PPE	B	C	D1	D2	E	F
Fehling's Sol'n - Part I	1	0	0	A						
Fehling's Sol'n - Part II	3	0	0	B				T	C	
Ferric Chloride	2	0	0	B				T		
Ferric Chloride 0.2M	1	0	0	A						
Ferric Chloride 1% Sol'n	1	0	0	A						
Ferric Chloride 2% Sol'n	1	0	0	A						
Ferric Chloride 5% Sol'n	1	0	0	A						
Ferric citrate	1	0	0	A						
Ferric Nitrate	2	0	0	B		O				
Ferric Oxide	1	0	0	A						
Ferric Sulphate	1	0	0	A						
Ferrous ammonium sulfate	1	0	0	A						
Ferrous ammonium sulfate 0.1	1	0	0	A						
Ferrous ammonium sulphate 5% so	1	0	0	A						
Ferrous Chloride	1	0	0	A						
Ferrous sulfate .7H2O	1	0	0	A						
Ferrous sulphate	1	0	0	A						
Ferrous sulphate 0.2M	1	0	0	A						
FL70 detergent 3%	1	0	0	A						
Florisil	1	0	0	A						
Fluorenone	1	1	0	A						
Fluorescein disodium	1	1	0	A						
Fluorouracil	2	0	0	B				T		
Folic acid	1	1	0	A						
Formaldehyde	3	3	0	P	F		P			
Formalin 10%	2	1	0	B			P			
Formalin 2%	2	0	0	B				T		
Formamide	2	1	0	B				T		
Formic acid	3	2	1	Q	F		P		C	
Formic acid 60 percent in water	3	1	1	Q			P		C	
Freon 113	2	0	0	B				T		
Fructose	1	1	0	A						
Fuchsin, Acid	1	1	0	A						
Fuchsin, basic	2	0	0	B				T		
Fullers earth	1	0	0	A						
Fumaric acid	2	1	0	B				T		
Galactose	0	1	0	A						
Gallic acid	2	1	0	B				T		
Gamma butyrolactone	2	1	0	B				T		
Gelatin USP	0	1	0	A						
Gentian violet	2	1	0	B			P			
Germanium tetrachloride	3	0	1	B			P			
Gibberellic acid 0	1	1	0	A						
Giemsa stain	1	1	0	A						
Glutamic acid	1	1	0	A						
Glutamin	1	1	0	A						
Glutaraldehyde	2	0	0	B			P			
Glutaric acid	1	0	0	A						
Glycerol	1	1	0	A						

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CHEMICAL NAME	Hazard Rating				WHMIS Hazard Class					
	HLTH	FLAM	REACT	PPE	B	C	D1	D2	E	F
Glycerol monostearate	1	1	0	A						
Glycine	0	0	0	A						
Glyoxal 40% solution	2	0	0	B				T		
Gold Chloride	2	0	0	B				T		
Graphite	1	0	0	A						
Guaiacol	2	2	0	B	F			T		
Guanidine	0	1	0	A						
Guanidine Hydrochloride	0	1	0	A						
Guanidine Isothiocyanate	2	1	0	B				T		
Guanosine	0	1	0	A						
HC110 developer dilution B	1	0	0	A						
HC110 developer dilution D	1	0	0	A						
HC110 developer stock solution	2	0	0	B				T		
Hematosylin	2	1	0	B				T		
Hepalean	2	1	0	B				T		
Hepes	1	1	0	A						
Heptanol	2	2	0	B	F			T		
Hexadecyltrimethylammonium brom	1	0	0	A						
Hexane:diethylether:formic 57:35:20	3	4	1	C	F		P		C	
Hexanes	2	3	0	A	F			T		
Hydrazine hydrate	3	2	0	B	F		P			
Hydrobromic acid	3	0	1	Q				T	C	
Hydrochloric acid	3	0	1	Q				T	C	
Hydrochloric acid 0.01N	1	0	0	A						
Hydrochloric acid 0.02M	1	0	0	A						
Hydrochloric acid 0.1N	1	0	0	A						
Hydrochloric acid 0.5N	1	0	0	A						
Hydrochloric acid 10%	3	0	0	Q				T	C	
Hydrochloric acid 1N	2	0	0	B					C	
Hydrochloric acid 2N	3	0	0	B				T	C	
Hydrochloric acid 5%	3	0	0	B				T	C	
Hydrochloric acid 6N	3	0	0	Q				T	C	
Hydrocinnamaldehyde	2	1	0	B				T		
Hydrogen peroxide 3%	2	0	0	B		O				
Hydrogen peroxide 35%	2	0	1	Q		O	P			
Hydroquinone	2	1	0	B				T		
Hydroxylamine hydrochloride	2	1	0	B			P			
Hydroxylamine hydrochloride 10%	3	0	0	B			P		C	
Hydroxylamine.HC1 reagent ethano	2	0	0	B	F		P			
Hypophosphorous acid 50%	3	0	0	C				T	C	
Ilfoclean 1 developer systems clean	2	0	0	B				T	C	
Ilfoprint IA11 activator	2	0	0	B				T	C	
Ilfoprint IS 21 stabilizer	1	0	0	A						
Ilford bromophen developer	2	0	0	B				T		
Ilford cibachrome P-30 fix conc.	1	0	0	A						
Ilford cibachrome P-30 part B	2	0	0	B				T		
Ilford cibachrome process P-30 P. A	2	0	0	B					C	
Ilford microphen developer	2	0	0	B				T		
Ilford multispeed developer	1	0	0	A						

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CHEMICAL NAME	Hazard Rating				WHMIS Hazard Class					
	HLTH	FLAM	REACT	PPE	B	C	D1	D2	E	F
Ilfospeed 2000TL paper fixer	1	0	0	A						
Ilfospeed developer	1	0	0	A						
Ilfospeed fixer	1	0	0	A						
Imidazole	2	1	0	B				T		
Immersion oil	1	1	0	A						
Incubation mixture CuSO4+Glycine+	1	0	0	A						
Indigo	0	0	0	A						
Indigo carmine	1	1	0	A						
Indium metal	2	0	0	A				T		
Indium oxide	2	0	0	B				T		
Indole acetic acid	2	1	0	B				T		
Indole butyric acid	2	1	0	B				T		
Inositol	0	1	0	A						
Iodic acid	2	1	0	P				T	C	
Iodine	2	0	1	A				T		
Iodine 0.1 M	1	0	0	A						
Iodine 0.1N AQ. sol'n	1	0	0	A						
Iodine/potassium iodide	2	0	0	B		O				
Iron AA STD	1	0	0	A						
Isoamyl alcohol	2	2	0	B	F			T		
Isobutraldehyde	2	3	0	B	F			T		
Iso-octane	1	3	0	A	F					
Isophorone	2	2	0	B				T		
Isoprene	2	4	2	B	F			T		R
Isopropanol 30%	2	3	0	B	F			T		
Isopropyl alcohol	2	3	0	B	F			T		
Isoton II	1	0	0	A						
Isovaleric acid	1	1	0	A						
Javex-5	3	0	0	B				T	C	
Kieselguhr (diatomaceous earth)	1	0	0	A						
Kodak bleach replenisher process B	1	0	0	A						
Kodak color developer replenisher	2	0	0	B				T		
Kodak conditioner replenisher	1	0	0	A						
Kodak develop d-76	2	0	0	B				T		
Kodak developer D-19	2	0	0	B				T		
Kodak direct positive film redevl.	2	0	0	B				T		
Kodak DK-50 developer part A	2	0	0	B				T		
Kodak DK-50 developer part B	2	0	0	B				T		
Kodak DK-50 developer part B	1	0	0	A						
Kodak ektaflo developer type 1	2	0	0	B				T		
Kodak first developer replenisher	2	0	0	B				T		
Kodak fixer	1	0	0	A						
Kodak fixer A	1	0	0	A						
Kodak HC-110 developer	2	0	0	B				T		
Kodak hypo clearing solution	1	0	0	A						
Kodak indicator stop bath	3	0	0	C				T	C	
Kodak photo flo 200 solution	2	0	0	B				T		
Kodak solution A developer	2	1	0	B				T		
Kodak solution B developer	1	0	0	A						

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CHEMICAL NAME	Hazard Rating				WHMIS Hazard Class					
	HLTH	FLAM	REACT	PPE	B	C	D1	D2	E	F
Kodak stabilizer & replenisher E-6	2	2	0	B	F			T		
Kodalith fine line developer Part A	2	0	0	B				T		
Kodalith fine line developer part B	1	0	0	A						
Kodalith super RT developer A sol'n	2	0	0	B				T		
Kodalith super RT developer B sol'n	2	0	0	B					C	
Kodalith super RT developer Part A	2	0	0	B				T		
Kodalith super RT developer Part B	1	0	0	A						
Kovac's reagent	3	2	0	B	F		P			
L-(+)-Lysine dihydrochloride	0	0	0	A						
L-[+]-Lactic acid 30 W/W sol'n	2	0	0	B				T		
Lactic acid	2	1	0	B				T		
Lactose	1	1	0	A						
Lanoline	0	1	0	A						
Lanthanum acetate	1	0	0	A						
Lanthanum chloride	1	0	0	A						
L-Arginine	0	1	0	A						
L-Ascorbic acid	0	1	0	A						
L-Asparagine	0	1	0	A						
Lauric acid	1	1	0	A						
Lauryl alcohol	1	1	0	A						
L-Corydaline	2	1	0	B				T		
L-Cysteine	0	0	0	A						
Lead acetate	3	0	0	B			P			
Lead acetate 4% sol'n	3	0	0	B			P			
Lead citrate	3	0	0	B			P			
Lead metal	3	0	0	A			P			
Lead nitrate	3	0	0	B		O	P			
Lead subacetate	3	0	0	B			P			
Lecithin	1	1	0	A						
Leucine	0	1	0	A						
L-Histidine monohydrochloride	1	0	0	A						
Light green	2	1	0	B			P			
Limonene	2	3	0	A	F			T		
Liquid paraffin	1	1	0	A						
Lithium aluminum hydride	3	0	2	B			P		C	R
Lithium bromide	2	0	0	B				T		
Lithium carbonate	2	0	0	B				T		
Lithium chloride	2	0	0	B				T		
Lithium hydride	3	0	2	P				T		R
Lithium hydroxide	3	0	1	C				T	C	
Lithium lauryl sulphate	2	0	0	B				T		
Lithium metal	3	2	2	Q	F			T	C	R
Litmus	1	0	0	A						
L-Leucine	0	1	0	A						
L-Lysine monohydrochloride	0	1	0	A						
L-Proline	1	1	0	A						
L-Proline	1	0	0	A						
L-Serine	0	1	0	A						
L-Threonine	0	0	0	A						

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CHEMICAL NAME	Hazard Rating				WHMIS Hazard Class					
	HLTH	FLAM	REACT	PPE	B	C	D1	D2	E	F
L-Tryptophan	1	0	0	A						
Lucas reagent	3	0	1	B				T	C	
Lugols iodine	2	0	0	B				T		
Lugols iodine, gram's modification	2	0	0	B				T		
Lysine	0	0	0	A						
Lysol	2	3	0	B	F			T		
Mackonkey agar	0	0	0	A						
Magdala red	1	1	0	B						
Magnesium acetate	1	0	0	A						
Magnesium carbonate	1	0	0	A						
Magnesium chloride	1	1	0	A						
Magnesium oxide	1	0	0	A						
Magnesium sulfate.7H2O	1	0	0	A						
Magnesium sulphate	1	0	0	A						
Magnesium turnings	2	2	0	B	F			T		
Malachite green	1	0	0	A						
Maleic acid	1	0	0	A						
Maleic anhydride	3	1	0	B			P		C	
Malic acid	1	1	0	A						
Malonic acid	1	1	0	A						
Maltose	1	1	0	A						
M-Amino-phenol	2	1	0	B				T		
Manganese acetate	2	0	0	B				T		
Manganese chelate	2	0	0	B				T		
Manganese chloride	2	0	0	B				T		
Manganese dioxide	2	0	0	B			P			
Manganese metal	2	2	0	B	F		P			
Manganese sulphate	2	0	0	B				T		
Manitol	0	1	0	A						
Mannitol sol'n	0	0	0	A						
Marshall's reagent	2	0	0	B				T		
M-Chloroaniline	2	1	0	B			P			
M-Chlorobenzoic acid	2	0	0	B				T		
M-Chloroperoxybenzoic acid	2	1	2	B		O	P			R
M-Cresol	3	2	0	P	F		P		C	
M-Dinitrobenzene	2	2	0	B			P			
Menadione K	2	1	0	B				T		
Menthol	1	1	0	A						
Mercaptoethanol	2	2	0	B	F		P			
Mercuric chloride	3	0	0	B			P			
Mercuric chloride 0.1% aqueous	3	0	0	B			P			
Mercuric oxide	3	0	0	B			P			
Mercuric sulfate	3	0	0	B			P			
Mercurous chloride	3	0	0	B			P			
Mercury	3	0	0	B			P			
Mercury nitrate	3	0	0	B		O	P			
Mes	2	1	0	B				T		
Mesityl oxide	2	3	0	B	F			T		
Mesitylene	2	2	0	B	F			T		

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CHEMICAL NAME	Hazard Rating				WHMIS Hazard Class					
	HLTH	FLAM	REACT	PPE	B	C	D1	D2	E	F
Methane	1	4	0	A	F					
Methanol	2	3	0	B	F			T		
Methanol:water (1:1) sol'n	2	3	0	B	F			T		
Methyl Benzoate	2	2	0	B	F			T		
Methyl cellosolve	1	2	0	A	F					
Methyl cellulose	1	1	0	A						
Methyl green	1	0	0	A						
Methyl malonic acid	2	1	0	B				T		
Methyl methacrylate	2	3	2	B	F			T		
Methyl N-Aniline	3	1	0	B				T		
Methyl orange	2	0	0	B			P			
Methyl P-Toluenesulfonate	2	1	0	B				T		
Methyl red	1	1	0	A						
Methyl Red/Methylene blue mixed in	2	3	0	B	F			T		
Methyl salicylate	2	1	0	B				T		
Methyl violet	2	0	0	B			P			
Methyl violet 6B (Rosaniline)	1	0	0	A						
Methylamine hydrochloride	1	1	0	A						
Methylcyclohexane	2	3	0	B	F			T		
Methylene blue	2	0	0	B				T		
Methylene chloride	2	1	0	B				T		
Methylmethacrylate	2	3	2	B	F			T		
Metyl orange indicator aqueous	1	0	0	A						
Mineral oil	1	1	0	A						
Mitomycin-C	3	1	0	B			P			
M-Nitroaniline	3	1	0	B			P			
M-Nitrobenzene sulfonyl choride	3	1	1	B			P			
M-Nitrophenol	2	1	2	B			P			R
Molecular sieves type 4A Gr.514	1	0	0	A						
Molybdate/sulfuric acid reagent	3	0	1	P			P		C	
Molybdenum metal	2	0	0	B			P			
Molybdic acid [85 percent]	2	0	0	B			P		C	
Morpholine	3	2	0	P	F			T	C	
Myristic acid	1	1	0	A						
N,N, Dimethyl formamide	2	2	0	B	F			T		
N,N, Methylene bisacrylamide	2	1	0	B				T		
N,N,-Dimethylaniline	2	2	0	B	F			T		
N,N-Dimethylcyclohexylamine	3	3	0	B	F		P			
N,N-Dimethyl-1-Naphthylamine	2	1	0	B				T		
Naphthalene black 10B (Amido black)	1	1	0	A						
Naphthalene-1, 5-disulfonic acid	2	0	0	B				T		
Napthalene	2	2	0	B	F		P			
Napthol-B	1	1	0	A						
N-Bromosuccinimide	2	1	0	B				T		
N-Butyl formate (Valeric acid)	2	1	0	B					C	
N-Butylaldehyde	3	3	0	B	F		P			
N-Butylamine	3	3	0	B	F		P			
N-Butylether	2	3	0	B	F			T		
Nessler's reagent	3	0	0	B			P		C	

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CHEMICAL NAME	Hazard Rating				WHMIS Hazard Class					
	HLTH	FLAM	REACT	PPE	B	C	D1	D2	E	F
N-Ethylmaleimide	3	1	0	B			P		C	
Neutral red-toluylene red	1	1	0	A						
N-Heptane	1	3	0	B	F					
Niacinimide (Nicotinic acid)	0	1	0	A						
Niagra sky blue	2	1	0	B				T		
NiC12 - Nitrosalicylaldehyde reagent	1	0	0	A						
Nickel aluminum alloy	1	0	0	A						
Nickel chloride	2	0	0	B			P			
Nickel chloride-carbon disulfide reagent	2	3	0	B	F		P			
Nickel nitrate	2	0	0	B		O		T		
Nickel sulfate	2	0	0	B				T		
Nickel sulfate 0.1N	2	0	0	B				T		
Nicotinic acid	0	1	0	A						
Nigrosine	1	0	0	A						
Nigrosine solution	2	0	0	B				T		
Nile blue A	1	1	0	A						
Ninhydrin	2	0	0	B			P			
Ninhydrin 0.25%	2	0	0	B				T		
N-Isopropylcyclohexylamine	2	3	0	B	F			T		
Nitric acid	3	0	1	Q		O	P		C	
Nitric acid 0.01M	1	0	0	A		O		T		
Nitric acid 1M	2	0	0	P		O		T		
Nitric acid 3M	3	0	0	Q		O		T	C	
Nitric acid 5%	2	0	0	P		O		T		
Nitric acid 6M	3	0	0	Q		O		T	C	
Nitric acid 8M	3	0	1	Q		O		T	C	
Nitric acid fuming	3	0	2	Q		O	P		C	
Nitro benzene	3	2	0	B	F		P			
Nitrocellulose in ether & alcohol	3	4	1	P	F		P			
Nitromethane	2	3	0	B	F			T		
N-Lauryl sarcosine, sodium salt	1	0	0	A						
N-Methyl morpholine	3	3	0	B	F			T	C	
N-Propanol	2	3	0	B	F			T		
N-Propylacetate	1	3	0	A	F					
Nutrient broth	0	0	0	A						
Nutrient broth	0	0	0	A						
O-Acetylsalicylic acid	1	1	0	A						
O-Anisaldehyde	1	1	0	A						
Octadecyl alcohol	1	1	0	A						
Octan-2-OL	1	2	0	A	F					
Oleic acid	1	1	0	A						
Orange G	1	0	0	A						
Orcein	1	0	0	A						
Orthophosphoric acid	3	0	0	Q					C	
Osmic acid	4	0	1	Q		O	P		C	
Osmium tetroxide	4	0	1	Q		O	P		C	
Oubain octahydrate/straphanthin-G	3	0	0	B			P			
Oxalacetic acid	2	1	0	B				T		
Oxalic acid	3	1	0	B			P		C	

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CHEMICAL NAME	Hazard Rating				WHMIS Hazard Class					
	HLTH	FLAM	REACT	PPE	B	C	D1	D2	E	F
P-(Methylamino) phenol	2	1	0	B				T		
Palladium chloride	2	0	0	B				T		
Palmitic acid	1	1	0	A						
Palonic brilliant pink	0	1	0	A						
Palonic cerise	0	1	0	A						
Palonic red BF	0	1	0	A						
P-Aminobenzoic acid	2	0	1	B				T		
P-Aminohippuric acid	1	1	0	A						
P-Anisidine hydrochloride	3	2	0	B	F		P			
Papain	2	1	0	B				T		
Papaverine hydrochloride	2	1	0	B			P			
Paraffin oil	1	1	0	A						
Parafin wax	0	0	0	A						
Paraformaldehyde	3	2	0	C	F		P			
Pararosaniline	3	1	0	B			P			
P-Bromobenzyl bromide	3	1	0	B			P			
P-Bromophenyl isocyanate	2	2	0	B	F		P			
P-Chloronitrobenzene	2	1	0	B				T		
P-Cresol	2	1	0	P			P			
P-Dibromobenzene	3	2	0	B	F		P			
P-Dichlorobenzene	2	3	0	B	F		P			
P-Dimethylaminobenzaldehyde	2	1	0	B				T		
Penicillin G potassium	3	1	0	B			P			
Pentene	2	4	0	B	F			T		
Peptone	1	0	0	A						
Perchloric acid .1M in water	3	0	0	P				T	C	
Perchloric acid .1N in acetic acid	3	2	0	P	F	O			C	
Perchloric acid 60%	3	0	2	Q		O	P		C	
Periodic acid reagent	2	0	0	B				T		
Peroxidase	2	1	0	B				T		
Pet-ether	2	3	0	B	F			T		
Petroleum jelly	0	1	0	A						
PH 4.0 buffer sol'n	1	0	0	A						
PH 7.0 buffer sol'n	0	0	0	A						
Phenol	3	2	0	B	F		P		C	
Phenol red	1	1	0	A						
Phenol red indicator aqueous	1	0	0	A						
Phenol/sodium hydroxide sol'n	3	0	0	Q			P		C	
Phenolphthalein	1	1	0	A						
Phenolphthalein ind. alcoholic	1	3	0	A	F					
Phenoxyacetic acid	2	1	0	B				T		
Phenyl ether	1	1	0	A						
Phenyl hydrazine	2	2	2	B	F			T		
Phenyl isocyanate	2	2	1	M	F			T		
Phenyl isothiocyanate	2	2	0	B	F			T		
Phenyl-2-thiourea	1	0	0	A						
Phenylene-o diamine	2	1	0	B				T		
Phloroglucinol	2	1	0	B				T		
Phosgene 12% in benzene	3	3	0	M	F		P			

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CHEMICAL NAME	Hazard Rating				WHMIS Hazard Class					
	HLTH	FLAM	REACT	PPE	B	C	D1	D2	E	F
Phosphate sol'n 250 PPM	0	0	0	A						
Phosphomolybdic acid	3	0	0	B					C	
Phosphoric acid	3	0	0	Q					C	
Phosphoric acid 1N	2	0	0	B					C	
Phosphoryl chloride	2	1	1	P			P			
Phosphotungstic acid	2	0	0	P				T		
Photo-flo 200 kodak	1	0	0	A						
Photo-flo 200 solution	1	0	0	A						
Phthalic acid	2	1	0	B				T		
Phthalic anhydride	2	1	0	B					C	
Pinene	2	3	0	A	F			T		
Piperazine	2	2	0	B	F			T		
Piperidine	2	3	0	B	F		P			
P-Nitrobenzaldehyde	2	1	0	B				T		
P-Nitrobenzoic acid	2	1	0	B				T		
P-Nitrobenzyl chloride	3	1	1	B				T	C	
P-Nitrophenol	2	1	0	B			P			
P-Nitrophenyl hydrazine	2	1	0	B			P			
P-Nitrophenylisocyanate	2	2	0	B	F			T		
Polyethylene glycol	1	0	0	A						
Polyvinyl alcohol	0	1	0	A						
Polyvinyl pyrolidone	1	1	0	A						
Popop	2	1	0	B				T		
Potassium AA STD 50 PPM	1	0	0	A						
Potassium acetate	1	0	0	A						
Potassium ammonium phosphate	1	0	0	A						
Potassium bicarbonate	1	0	0	A						
Potassium bifluoride	3	0	0	B				T	C	
Potassium bisulfate	2	0	0	B				T		
Potassium bromide	1	0	0	A						
Potassium carbonate	1	0	0	A						
Potassium chlorate	2	0	0	B		O		T		
Potassium chloride	1	0	0	A						
Potassium chloride 1M	0	0	0	A						
Potassium chloride sol'n 0.1M	0	0	0	A						
Potassium chloride sol'n sat	1	0	0	A						
Potassium chromate	3	0	0	B		O	P			
Potassium chromate 0.1M	2	0	0	B				T		
Potassium citrate	1	0	0	A						
Potassium cyanide	3	0	0	E			P		C	
Potassium dichromate	3	0	1	B		O	P			
Potassium dihydrogen orthophosph	1	0	0	A						
Potassium ferricyanide	2	0	0	B				T		
Potassium ferricyanide	2	0	0	B				T		
Potassium fluoride	2	0	0	B			P			
Potassium fluoride 2M	2	0	0	B			P			
Potassium hexafluorophosphate	2	0	0	B				T		
Potassium hydrogen phthalate	2	0	0	B				T		
Potassium hydroxide	3	0	1	Q			P		C	

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CHEMICAL NAME	Hazard Rating				WHMIS Hazard Class					
	HLTH	FLAM	REACT	PPE	B	C	D1	D2	E	F
Potassium hydroxide 0.01N	1	0	0	A						
Potassium hydroxide 0.1M	1	0	0	A						
Potassium hydroxide 0.5N	2	0	0	B				T	C	
Potassium hydroxide 10% in ethanol	3	3	0	P	F		P		C	
Potassium hydroxide 1N	2	0	0	P					C	
Potassium hydroxide saturated	3	0	1	Q			P		C	
Potassium iodate	2	0	0	A		O		T		
Potassium iodide	1	0	0	A						
Potassium iodide 0.1M	1	0	0	A						
Potassium iodide 10%	1	0	0	A						
Potassium metabisulfite	2	0	0	B				T		
Potassium nitrate	2	0	0	A		O		T		
Potassium nitrate 0.1M	1	0	0	A						
Potassium oxalate	3	0	0	B			P			
Potassium perchlorate	2	0	1	P		O		T		
Potassium periodate	1	0	0	A		O				
Potassium permanganate	2	0	0	B		O				
Potassium permanganate 0.02M	1	0	0	A		O				
Potassium permanganate 2%	1	0	0	A		O				
Potassium permanganate acidified	1	0	0	A		O				
Potassium persulphate	2	0	2	B		O				R
Potassium phosphate	1	0	0	A						
Potassium sodium [+]-tartrate	1	1	0	B						
Potassium sulfate	1	0	0	A						
Potassium sulphite	2	0	0	B				T		
Potassium tartrate	1	0	0	A						
Potassium tellurite	2	0	0	B				T		
Potassium thiocyanate	2	0	0	B				T		
Potassium triiodide sol'n	2	0	0	B				T		
P-Phenylene-diamine	3	1	0	C			P			
PPO	2	0	0	B				T		
Propane-1,2-diol	1	1	0	A						
Propanediol	2	1	0	A				T		
Propargyl alcohol	3	3	0	B	F		P		C	
Propionaldehyde	2	3	1	B	F			T		
Propiophenone	1	2	0	A	F					
Propionic acid	3	2	0	B	F			T	C	
Propylamine	3	3	0	B	F			T	C	
Propylene glycol	1	1	0	A						
Propylene oxide	2	4	1	B	F			T		
Protease	3	0	0	B			P			
Protein A - Horseradish peroxidase	2	0	0	B				T		
Protopine	3	0	0	B			P			
Protosol	3	0	0	B				T	C	
P-Terphenyl	2	0	0	B			P			
P-Tert-butylbenzoic acid	2	2	0	A	F			T		
P-Toluene sulfonyl chloride	2	1	1	B				T		
P-Toluenesulfonic acid	2	1	0	B				T	C	
P-Toluidine	3	2	0	B	F		P			

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CHEMICAL NAME	Hazard Rating				WHMIS Hazard Class					
	HLTH	FLAM	REACT	PPE	B	C	D1	D2	E	F
P-Tolylisocyanate	2	2	0	B	F		P			
Pump oil	1	1	0	A						
Purine	2	1	0	B				T		
Putrescine	3	0	0	B				T		
Pyridine	2	3	0	B	F			T		
Pyridinium bromide perbromide	3	1	0	B			P			
Pyridoxine	0	0	0	A						
Pyridoxine hydrochloride	2	1	0	B				T		
Pyrogallol	2	1	0	B				T		
Quinine sulphate	2	1	0	B			P			
Quinoline	2	1	0	B			P			
Resorcinol	2	1	0	B			P			
Rexin	1	0	0	A						
Rhamose	1	0	0	A						
Rhodium sponge	2	0	1	B				T		
Riboflavin	1	1	0	A						
Ribonuclease-A	2	0	0	B				T		
Ribosenucleic acid	1	0	0	A						
Rosin	1	1	0	A						
Rubbing alcohol	2	3	0	B	F			T		
Rubidium chloride	2	0	0	B				T		
Ruthenium chloride	2	0	0	B				T		
Salicylic acid	1	1	0	A						
Sanguinarine nitrate	2	1	0	B				T		
Sanguinarine phosphate	2	0	0	B				T		
Saponin	1	0	0	A						
Scarlet R	1	1	0	A						
Schiff's reagent	3	0	0	P				T	C	
Scintillation fluid	2	3	0	B	F			T		
Sec-butyl alcohol	2	3	0	B	F			T		
Selenous acid	3	0	1	Q				T	C	
Semicarbazide hydrochloride	2	0	0	B				T		
Sephadex	1	0	0	A						
Sephadex G75	1	0	0	A						
Sigmacote	2	3	0	B	F			T		
Silica gel	1	0	0	A						
Silicic acid	2	0	0	B				T		
Silicone surfactant	1	0	0	A						
Silver	2	0	0	B						
Silver acetate	2	0	0	B						
Silver chloride	2	0	0	B						
Silver nitrate	3	0	0	B		O	P		C	
Silver nitrate 0.01M	2	0	0	B				T		
Silver nitrate 0.025M	2	0	0	B				T		
Silver nitrate 0.05M	2	0	0	B				T		
Silver nitrate 0.1N	2	0	0	B			P			
Silver nitrate 0.2M	2	0	0	B			P			
Silver nitrate 1% sol'n	2	0	0	B				T		
Silver nitrate 1N in ethanol	2	3	0	B	F			T		

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CHEMICAL NAME	Hazard Rating				WHMIS Hazard Class					
	HLTH	FLAM	REACT	PPE	B	C	D1	D2	E	F
Silver nitrate 5%	2	0	0	B				T		
Silver nitrate acidified	2	0	0	B				T		
Silver oxide	2	0	0	B						
Silver sulphate	2	0	0	B						
Soda lime 6-12 mesh	3	0	0	C					C	
Sodium AASTD 250 PPM	1	0	0	A						
Sodium acetate	1	0	0	A						
Sodium acetate 1.0M	1	0	0	A						
Sodium acetate.3H2O	1	0	0	A						
Sodium acid phosphate	1	0	0	A						
Sodium alginate	1	0	0	A						
Sodium arsenate	3	0	0	B			P			
Sodium arsenite	3	0	0	B			P			
Sodium azide	3	0	2	B			P			R
Sodium benzoate	1	1	0	A						
Sodium bicarbonate	2	0	0	A				T		
Sodium bicarbonate sat.	1	0	0	A						
Sodium bismuthate	1	0	0	A						
Sodium bisulfate	2	0	0	B				T	C	
Sodium bisulfate in H2O+ethanol	2	3	0	B	F			T		
Sodium bisulfite sat.	2	0	0	B				T		
Sodium borate	2	0	0	B				T		
Sodium borohydride	2	0	2	B			P			R
Sodium bromide	1	0	0	A						
Sodium bromide 0.2M	1	0	0	A						
Sodium carbonate [ANH]	2	0	0	B				T		
Sodium carbonate 0.2M	1	0	0	A						
Sodium carbonate 10%	2	0	0	B						
Sodium carbonate 1M	2	0	0	B						
Sodium carbonate.10H2O	2	0	0	B					C	
Sodium chlorate	2	0	0	A		O		T		
Sodium chloride	1	0	0	A						
Sodium chloride .2M	0	0	0	A						
Sodium chloride 2N	1	0	0	A						
Sodium chloride 4M	1	0	0	A						
Sodium chloride sat.	1	0	0	A						
Sodium chloride sol'n 2% w/w	0	0	0	A						
Sodium chloroaurate	2	0	0	B			P			
Sodium chromate	3	0	0	B		O	P			
Sodium citrate	1	0	0	A						
Sodium cobalt nitrite	2	0	0	B		O		T		
Sodium dichromate	2	0	0	B		O	P			
Sodium diethyldithiocarbamate	2	1	0	B				T		
Sodium dihydrogen orthophosphate	1	0	0	A						
Sodium dithionite	2	2	1	B	F			T		
Sodium dodecyl sulphate	1	0	0	A						
Sodium fluoride	3	0	0	C			P			
Sodium formaldehyde-sulfoxylate	2	1	0	B				T		
Sodium formate	2	0	0	B				T		

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CHEMICAL NAME	Hazard Rating				WHMIS Hazard Class					
	HLTH	FLAM	REACT	PPE	B	C	D1	D2	E	F
Sodium hippurate	1	0	0	A						
Sodium hydride in oil	3	0	2	Q				T	C	R
Sodium hydrogen chromate	2	0	0	B		O		T		
Sodium hydrosulphite	2	0	2	B				T		R
Sodium hydroxide	3	0	1	Q				T	C	
Sodium hydroxide 0.01N	1	0	0	A						
Sodium hydroxide 0.1N	1	0	0	A						
Sodium hydroxide 10%	3	0	0	P				T	C	
Sodium hydroxide 1N	2	0	0	P				T		
Sodium hydroxide 20%	3	0	0	Q				T	C	
Sodium hydroxide 2N	3	0	0	P				T	C	
Sodium hydroxide 30%	3	0	0	Q				T	C	
Sodium hydroxide 3N	3	0	0	P				T	C	
Sodium hydroxide 6N	3	0	0	Q				T	C	
Sodium iodate	2	0	1	B		O		T		
Sodium iodide	1	0	0	A						
Sodium iodide 0.2M	1	0	0	A						
Sodium metabisulfite	2	0	0	A		O	P			
Sodium metal	3	3	3	Q	F				C	R
Sodium metaphosphate	1	0	0	A						
Sodium methoxide	3	3	2	Q	F			T	C	
Sodium methoxide 0.2N	3	3	0	B	F			T	C	
Sodium molybdate	2	0	0	B				T		
Sodium nitrate	2	0	0	B		O		T		
Sodium nitrate 0.02M	1	0	0	A						
Sodium nitrate 0.05M	1	0	0	A						
Sodium nitrate 0.05M	1	0	0	A						
Sodium nitrate 0.1M	1	0	0	A						
Sodium nitrate 0.2M	1	0	0	A						
Sodium nitrate 0.5M	1	0	0	A						
Sodium Nitrite	2	0	2	B		O	P			
Sodium nitroprusside	3	0	0	B			P			
Sodium nitroprusside 1%	2	0	0	B				T		
Sodium oleate	1	0	0	A						
Sodium oxalate	3	0	0	B			P			
Sodium perborate	2	0	1	B		O				
Sodium perchlorate	2	0	1	B		O	P			
Sodium periodate	2	0	0	B		O				
Sodium phosphate	1	0	0	A						
Sodium phosphate .2M	0	0	0	A						
Sodium phosphate, dibasic	1	0	0	A						
Sodium phosphate, monobasic	1	0	0	A						
Sodium phosphate, tribasic	1	0	0	A						
Sodium potassium tartrate	1	0	0	A						
Sodium pyrophosphate	1	0	0	A						
Sodium pyruvate	1	0	0	A						
Sodium selenite	4	0	0	C			P			
Sodium sulfate	1	0	0	A						
Sodium sulfate 10%	1	0	0	A						

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CHEMICAL NAME	Hazard Rating				WHMIS Hazard Class					
	HLTH	FLAM	REACT	PPE	B	C	D1	D2	E	F
Sodium sulfate 18% solution	1	0	0	A						
Sodium sulfate ANH	1	0	0	A						
Sodium sulfate.10H2O	1	0	0	A						
Sodium sulfite	2	0	0	B			P			
Sodium sulfite 12% solution	2	0	0	B				T		
Sodium sulphate 0.2M	0	0	0	A						
Sodium sulphite	2	0	0	B			P			
Sodium tartrate	0	0	0	A						
Sodium tetraphenylboron	2	1	0	B				T		
Sodium thiocyanate	2	0	0	B				T		
Sodium thiocyanate 0.1M	1	0	0	A						
Sodium thioglycollate	2	0	0	B				T		
Sodium thiosulfate	1	0	0	A						
Solochrome black	2	1	0	B				T		
Sorbitol	0	1	0	A						
Spermidine	2	0	0	B				T		
Spermine	2	0	0	B				T		
Stannic Chloride	2	0	0	B				T		
Stannic oxide	2	0	0	B				T		
Stannous chloride	2	0	0	B				T		
Stannous chloride sol'n	2	0	0	B				T		
Stannous sulphate	2	0	0	B				T		
Starch	0	0	0	A						
Starch indicator	0	0	0	A						
Stearic acid	1	1	0	A						
Stop solution	2	0	0	B				T		
Stop with alum	2	0	0	B				T		
Streptomycin sulphate	3	1	0	B			P			
Strontium acetate	2	0	0	B				T		
Strontium carbonate	2	0	0	B				T		
Strontium chloride	2	0	0	B				T		
Succinic acid	2	1	0	B						
Sucrose	0	1	0	A						
Sucrose formalin sol'n	3	2	0	B	F			T		
Sudan III	2	1	0	B				T		
Sudan IV	2	1	0	B				T		
Sulfamic acid 0.85M	2	0	0	B				T	C	
Sulfanilic acid	1	0	0	A						
Sulfanilic acid reagent	3	0	0	P				T	C	
Sulfer	1	1	0	A						
Sulfolane	1	1	0	A						
Sulfuric acid	3	0	2	Q		O	P		C	
Sulfuric acid 1M	2	0	0	B				T	C	
Sulfuric acid:nitric acid (75:1)	3	0	2	Q		O	P		C	
Sulfurous acid	3	0	1	Q		O	P		C	
Sulfuryl chloride in carbon tet	3	0	1	Q		O	P		C	
Sulphur hexafluoride	2	0	0	B				T		
Sulphuric acid 0.01M	1	0	0	A						
Sulphuric acid 0.5M	2	0	0	B					C	

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CHEMICAL NAME	Hazard Rating				WHMIS Hazard Class					
	HLTH	FLAM	REACT	PPE	B	C	D1	D2	E	F
Sulphuric acid 10%	3	0	0	P			P		C	
Sulphuric acid 1M	2	0	0	P				T	C	
Sulphuric acid 30%	3	0	0	P			P		C	
Sulphuric acid 3M	3	0	0	Q			P		C	
Sulphuric acid 50%	3	0	1	Q		O	P		C	
Sulphuric acid 6M	3	0	0	Q			P		C	
Sulphuric acid 9M	3	0	1	Q		O	P		C	
Talcum powder	1	0	0	A						
T-Amyl Alcohol	2	3	0	B	F			T		
Tannic acid	1	1	0	A						
Tartaric acid-D[+]	1	1	0	A						
T-butanol	2	3	0	B	F			T		
T-Butyl alcohol	2	3	0	B	F			T		
Tellus 23 oil (shell)	1	1	0	A						
TES	1	1	0	A						
Tetanus toxoid	4	1	0	C			P			
Tetraamine copper	2	0	0	B				T		
Tetrachlorethylene	2	0	0	B				T		
Tetrachlorid bromine sat. aqueous s	3	0	0	B			P		C	
Tetracycline	2	0	0	B				T		
Tetradecyltrimethylammonium brom	2	0	0	B				T		
Tetramethylenediamine TeMED	2	3	0	B	F			T		
Tetramethylsilane	2	4	0	B	F			T		
Thiamine (aneurine hydrochloride)	1	0	0	A						
Thiamine hydrochloride	1	0	0	A						
Thioglycollic acid	2	1	1	B				T		
Thionyl chloride	3	0	0	C			P		C	
Thiourea	2	1	0	B				T		
Thymidine	0	0	0	A						
Thymol	2	1	0	B				T		
Thymol blue indicator in ethanol	2	3	0	B	F			T		
Tin granular	0	0	0	A						
TLCK (trypsin inhibitor)	1	0	0	A						
TMB trimethoxyborane	2	3	1	B	F			T		
Toluene	2	3	0	B	F			T		
Toluene impure	2	3	0	B	F			T		
Toluene:acetic acid 87:30	3	3	0	C	F			T	C	
Toluene:isobutanol (1:1)	2	3	0	B	F			T		
Toluene-P sulfonic acid	2	1	1	B				T		
Trans-stilbene	1	1	0	A						
Tray cleaner solution	2	0	0	B				T		
Tributylamine	3	2	0	P	F				C	
Trichloroacetic acid	3	0	0	P			P		C	
Triethanolamine	2	1	0	B				T		
Triethylamine	2	3	0	P	F		P			
Triethylene glycol	2	1	0	B				T		
Triethylene tetraamine	3	1	0	B				T	C	
Trigol	1	1	0	A						
Triphenyl methane	1	1	0	A						

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CHEMICAL NAME	Hazard Rating				WHMIS Hazard Class					
	HLTH	FLAM	REACT	PPE	B	C	D1	D2	E	F
Tris	1	0	0	A						
Tris hydrochloride	1	0	0	A						
Triton X-100	1	0	0	A						
Trizma base	0	0	0	A						
Trypan blue	2	1	0	B				T		
Tryptone	0	0	0	A						
Tungstic acid	2	0	0	P				T	C	
Tween 20	1	0	0	A						
Universal indicator	1	0	0	A						
Uranyl acetate	2	0	0	B			P			
Urea	1	1	0	A						
V-188 II hardener for rapid fixer	1	0	0	A						
V-88 II rapid fixer	1	0	0	A						
Valeraldehyde	2	3	0	B	F			T		
Vanillin	1	1	0	A						
Varsol	2	2	0	B	F			T		
Vinyl acetate	2	3	0	B	F			T		
Vitamin B12	1	1	0	A						
Vitamin D3	1	1	0	A						
Vitamin E acetate	1	1	0	A						
Vitamine A palmitate	1	1	0	A						
Wash aid solution	2	0	0	B				T		
Xylene cyanole FF	2	0	0	B				T		
Xylenes	2	3	0	B	F			T		
Yeast extract	0	0	0	A						
Zephiran chloride solution	1	0	0	A						
Zinc chelate	1	0	0	A						
Zinc chloride	2	0	0	B			P			
Zinc dust	2	2	0	A	F			T		
Zinc metal	1	1	0	A						
Zinc nitrate	2	0	0	B		O		T		
Zinc sulfate	2	0	0	B				T		
Zinc sulphate .2M	1	0	0	A						
Zinc sulphate sol'n 0.02	1	0	0	A						
Zirconium tetrachloride	2	0	0	B				T		