

CHEMICAL INVENTORY LIST

Chemical Hygiene Plan

Inventory List

The Chemical Inventory List section contains the names of all the chemicals located at the 1600 West Broad Street, Office of Materials Management, building. The list includes the name, quantity, and location of each item. The chemicals are listed by individual laboratory sections.

Material Safety Data Sheets for all the chemicals on the list are located in the guard shack at the Broad Street entrance to the Broad Street complex.

Each section has MSDS for the chemicals in the particular section.

Bituminous Material Section

Inventory

Room 2008

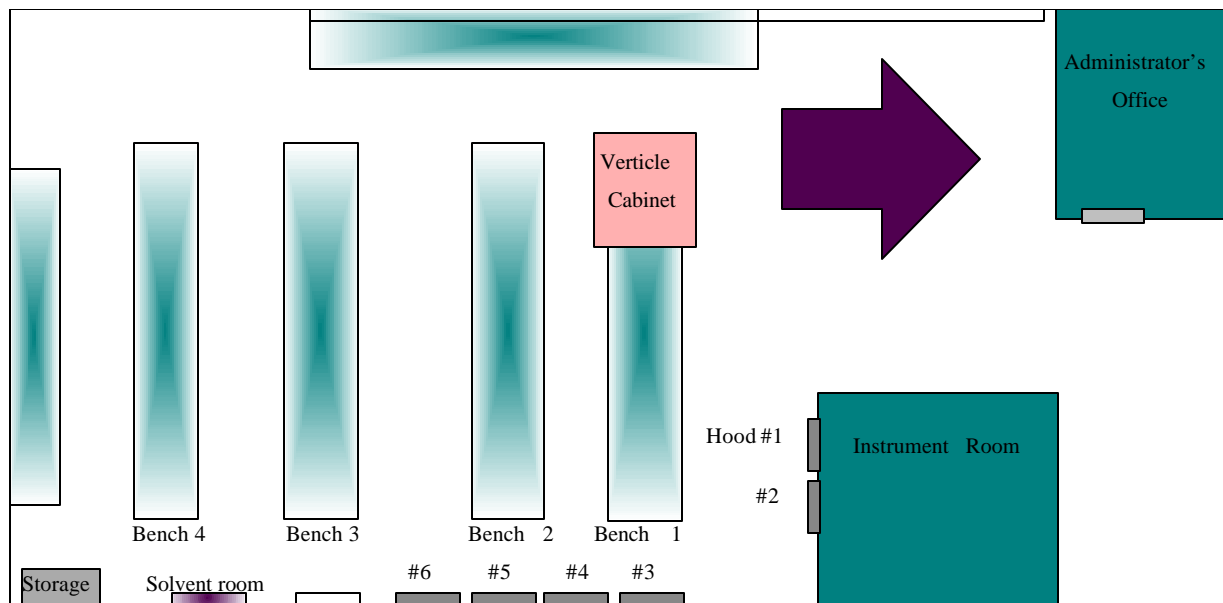
<u>Description</u>	<u>Container/Size</u>	<u>Quantity</u>	<u>Location</u>
Cryotech CF7 deicer	5 gallon	7.5 gal.	Lab
Ansul Spill-X-A	1 lb. Bottles	6	Lab
Trichloroethylene	55 gallon drum	55 gal.	Lab

Cement Section Inventory

Room 1141

<u>Description</u>	<u>Container/Size</u>	<u>Quantity</u>	<u>Location</u>
Potassium nitrate	Glass bottle	1 gal.	SE cabinet 2 nd shelf
Sodium chloride	Glass bottle	5 gal.	SE cabinet 2 nd shelf
Silver nitrate	Glass bottle	3 gal.	SE cabinet 2 nd shelf Sodium
hydroxide	Plastic bottle	1 gal.	W cabinet 2 nd shelf
Acetic acid	Glass bottle	2 gal.	E cabinet 2 nd shelf
Nitric acid	2.5 Liter glass bottle	10 L.	N wall bottom cabinet
Hydrochloric acid	2.5 Liter glass bottle	10 L.	N wall bottom cabinet
Kerosine	25 gal. steel drum	25 gal.	Break room(north of Cement lab.)
Sand-oil based compound	Cardboard box	100 lb.	Break room
Mercury	Glass bottle	2 lb.	SW cabinet 2 nd shelf
Mercury	In apparatus	3 lb.	Center-by sink
Petroleum distillate	Plastic container	1	Under work table
Air entraining admixture	2.5 gallon dispenser	5 gal.	Counter by sink
Type A/F admixture	2.5 gallon dispenser	5 gal.	Counter by sink
Sulfur base compound equipment	50 pound bags	15	Skid by capping
Silicon carbide 100 grit	50 pound pails	4	East by lathe wheel
Sand-oil based compound	100 pound box	1	By lift door
Epoxy sealers	1 and 1/2 gallon cans	18	Table by lift door
Non epoxy sealer	Can	1/2 gal.	Table by lift door
Release agent	Spray can	1	Counter behind sink

Chemical section
Room 2004



Chemical Section Inventory

Room 2004 Solvent room

Admixtures

<u>Description</u>	<u>Container/size</u>	<u>Quantity</u>	<u>Location</u>
Euclid			
Eucon 1037	Plastic gallon container	3/4 gal.	Solvent room
Grace			
Daratard 17	Plastic quart container	1/2 qt.	Solvent room
Darex AE EH	Plastic quart containers	1 1/2 qt.	Solvent room
ADVA 100	Plastic quart containers	1/3 qt.	Solvent room
Hydration Kontrol			
HyKon 2000N	Plastic quart container	1 qt.	Solvent room
Masterbuilders			
Glenium 3030NS	Plastic container	1 gal.	Solvent room
Rheocrete 222	Plastic gallon container	1 gal.	Solvent room
Rheocrete CNI	Plastic gallon container	1/2 gal.	Solvent room
Russtech			
LC 500	Plastic gallon container	1 gal.	Solvent room
Russtech RCI	Plastic gallon container	1/2 gal.	Solvent room
Superflo 2000	Plastic gallon container	1/2 gal.	Solvent room
Sika			
Sika Air	Plastic gallon container	1 gal.	Solvent room
Sika CNI	Plastic gallon container	1 gal.	Solvent room
Sikament 86	Plastic gallon container	1 gal.	Solvent room
Sikament MP	Plastic gallon container	1 gal.	Solvent room
Sikaset NC	Plastic gallon container	1 gal.	Solvent room
ViscoCrete 6000	Plastic gallon container	1 gal.	Solvent room
ViscoCrete 5000	Plastic gallon container	1 gal.	Solvent room

Solvents

1-butanol	1 gallon glass bottle	1/3 gal.	Solvent room
Carbon disulfide	Glass bottle	100 ml.	Solvent room
Carbon tetrachloride	Glass bottle	1/4 pt.	Solvent room
Chloroform	1 gallon glass bottles	3 gal.	Solvent room
O-dichlorobenzene	1 pint glass bottle	1 pt.	Solvent room
1,2-dichloroethane	1 gallon glass bottle	1 gal.	Solvent room
Dichloromethane	1 gallon glass bottle	1 gal.	Solvent room
Dimethylformamide	Gallon glass bottles	2 gal.	Solvent room
2-ethoxy-ethylacetate	Gallon glass bottle	2/3 gal.	Solvent room
Ethyl acetate	1 gallon glass bottle	1/4 gal.	Solvent room

Chemical Section Inventory

Solvent room

Solvents

<u>Description</u>	<u>Container/size</u>	<u>Quantity</u>	<u>Location</u>
Ethylendichloride	1 gallon glass container	1/2 gal.	Solvent room
Kerosine	1 liter glass bottles	4 L.	Solvent room
Methyl alcohol	5 gallon drums	15 gal.	Solvent room
Methyl ethyl ketone	1 pint glass bottles	4 pt.	Solvent room
2-methyl-1-propanol	1 gallon glass bottle	1 gal.	Solvent room
Methyl sulfoxide	1 gallon glass bottle	1/4 gal.	Solvent room
Pentane	1 gallon glass bottle	1/2 gal.	Solvent room
1,1,2,2-tetrabromoethane	1 pint glass bottle	1 pt.	Solvent room
Tetrachloroethylene	1 liter glass bottle	1/2.	Solvent room
Toluene	1 gallon glass bottle	1 gal.	Solvent room
1,1,1-trichloroethane	1 pint glass bottle	1/2 pt.	Solvent room
Tritolylphosphate	1 gallon glass bottle	2/3 gal.	Solvent room
Xylene	1 gallon glass bottle	1 gal.	Solvent room

North wall shelf

Methanol waste	5 gallon drum	2 gal.	Solvent room
Valspar paint	5 gallon drums	10 gal.	Solvent room
DeVoe Devthane 389	5 gallon drum	5 gal.	Solvent room
Devoe Catha coat 313	1 gallon pail	5 1/2 gal.	Solvent room
Devoe bar rust 231	5 gallon drum	5 gal.	Solvent room
Extract solution	1 gallon glass bottle	1/2 gal.	Solvent room
"loop sealant"	1 pint glass bottles	2 pt.	Solvent room
Polycarb Mark 266.3	Plastic containers	2 1/2 gal.	Solvent room
Chemque Q-sealant	1 gallon plastic container	1 gal.	Solvent room
Fosroc Gold label	1 gallon plastic container	1 gal.	Solvent room
Fosroc Label Flex	Plastic container	30 lbs.	Solvent room
Polycarb Mark 266.4a	1 gallon plastic container	1 gal.	Solvent room
Polycarb Mark 266.4b	1 gallon plastic container	1 gal.	Solvent room
Polycarb Mark 266.5a	1 gallon plastic container	1 gal.	Solvent room
Polycarb Mark 266.5b	1 gallon plastic container	1 gal.	Solvent room
#3 Oil	1 gallon plastic container	1 gal.	Solvent room
#3 Oil waste	Plastic container	10 gal.	Solvent room
Charcoal	Glass bottle	500 g.	Solvent room

Chemical Section Inventory

Solvent room

<u>Description</u>	<u>Container/size</u>	<u>Quantity</u>	<u>Location</u>
Stepanform	Glass bottle	500 ml.	Solvent room
Motor oil	Quart can	1 qt.	Solvent room
Valspar V13F12M	5 gallon plastic container	5 gal.	Solvent room
Methanol waste	5 gallon drums	25 gal.	Solvent room
Durant loop sealant	1 gallon pails	4 gal.	Solvent room
Rai Pro Seal 6006	1 gallon pails	2 gal.	Solvent room
Bondo P-606 Loop sealer	1 gallon pail	1 gal.	Solvent room
Methyl ethyl ketone peroxide	1/4 pint plastic containers	1 pt.	Solvent room
Rai Pro Seal II	Plastic container	20 lbs.	Solvent room
Magnolia loop sealant	1 gallon cans	2 gal.	Solvent room
W.R. Meadows Sealex B	1 gallon can	1 gal.	Solvent room
Rai Pro Seal II resin	1 gallon can	1 gal.	Solvent room
Fosroc Gold Label flex	1 gallon can	1 gal.	Solvent room
Chemique Q-seal 296-06	1 gallon can	3 gal.	Solvent room
Bromine	1 pint glass bottle	1 pt.	Solvent room (In labeled drum)

Chemical Storage Cabinet

(south east corner)

Methyl ethyl ketone	1 pint bottle	1 pt.	Storage cabinet
Solvent "Clean-up Kit"	Box	1	Storage cabinet
Toluene	1 gallon glass bottle	1 gal.	Storage cabinet
Tetrahydrofuran	1 gallon glass bottle	1 gal.	Storage cabinet
Acetone(certified)	5 gallon drum	5 gal.	Storage cabinet
Methyl alcohol	5 gallon drum	5 gal.	Storage cabinet
Acetone	1 gallon bottles	2.5 gal.	Storage cabinet

Freezer

(benchtop#1 south side)

Sodium abietate	Glass bottle	5 g.	Freezer
Potassium abietate	Glass bottle	5 g.	Freezer
Abietic acid	Glass bottle	5 g.	Freezer
Fast red 3GL	Glass bottle	5 g.	Freezer
Ethyl alcohol	Plastic squirt bottle	250 ml.	Freezer

Chemical Section Inventory

Work Bench #1

(south east side)

<u>Description</u>	<u>Container/size</u>	<u>Quantity</u>	<u>Location</u>
Silver Nitrate	1 liter glass container	1 L.	Bench #1
Potassium permanganate	1 pint glass bottle	1 pt.	Bench #1
Potassium dichromate (solution)	Liter bottles	4 L.	Bench #1
Hydrogen Peroxide	Plastic container	1 pt.	Bench #1 (Cabinet below)

Work Bench #2

(north side, 2nd bench in cabinets)

Filling solution Ag/AgCl	Plastic bottle	500 ml.	Bench #2
Ph filling solution	Plastic bottle	480 ml.	Bench#2
Ca Ion filling solution	Plastic bottle	250 ml.	Bench #2
Ca standard	Plastic bottle	750 ml.	Bench#2
Ca ISA solution	Plastic bottle	550 ml.	Bench #2
Ph#7 buffer solution	Plastic bottle	100 ml.	Bench #2
Storage solution	Plastic bottle	100 ml.	Bench #2
Ph#10 buffer solution	Plastic bottle	100 ml.	Bench #2
Ph#12 buffer solution	Plastic bottle	500 ml.	Bench #2
Ph#1.68 buffer solution	Plastic bottle	500 ml.	Bench #2
Ph#4 buffer solution	Plastic bottle	450 ml.	Bench #2

Work Bench#3

(Center on top of bench)

Ring standards Nist AR 875	Plastic container	454 g.	Bench #3
Ring standard AR 874	Plastic container	454 g.	Bench #3
ChromMolybdenum Steel#72	Glass bottle	20 g.	Bench #3
Gray Iron standard	Glass bottle	100 g.	Bench #3
CECA-ECCS-EGKS	Glass bottle	150 g.	Bench #3
Steel no. 461	Glass bottle	1	Bench #3
Stainless steel no. 340	Glass bottle	1	Bench #3
Cast iron	Glass bottle	122 g.	Bench #3
Cast iron 7C	Glass bottle	1	Bench #3
Chromium-Nickel #1070	Glass bottle	1	Bench #3

Work Bench#4

Cannon viscosity standard	Glass bottle	4 pt.	Bench #4
Hanna ph solutions	Plastic bags	100	Bench #4

Chemical Section Inventory

Cabinets under Hoods

<u>Description</u>	<u>Container/size</u>	<u>Quantity</u>	<u>Location</u>
<u>2nd Hood</u>			
Perchloric Acid	Glass bottle	750 ml.	Hood #2
Hydroflouric Acid	Glass bottle	300 ml.	Hood #2
<u>3rd Hood</u>			
12% ammonium nitrate sol.	Glass bottle	150 ml.	Hood #3
Sulfuric Acid	Glass bottle	16 1/2 gal.	Hood #3
<u>3rd Hood</u>			
Acetic Acid	1 gallon glass bottle	3/4 gal.	Hood #3
<u>4th Hood</u>			
Hydrochloric Acid	1 gallon glass bottles	3 gal.	Hood #4
Nitric Acid	1 gallon glass bottle	1/4 gal.	Hood #4
Phosphoric acid	1 gallon glass bottles	1/2 gal.	Hood #4
Ammonium Hydroxide	1 gallon glass bottles	1 3/4 gal.	Hood #4
Spill-X for Acids	Box	7 lbs.	Hood #4
Spill-X for Bases	Box	15 lbs.	Hood #4
Sodium Hydroxide	1 gallon glass bottles	11/2 gal.	Hood #4
<u>6th Hood</u>			
Muratic Acid	1 gallon glass bottles	2 gal.	Hood #6

Verticle cabinet

(north end attached to bench #1)

North side-top shelf

Ammonium Acetate	Plastic container	2 kg.	North top
Ammonium Chloride	Plastic container	1500 g.	North top
Ammonium Oxalate	Plastic container	150 g.	North top
Amonium Phosphate	Plastic container	200 g.	North top
Ammonium Sulfate	Plastic container	100 g.	North top
Barium Chloride	Plastic container	500 g.	North top
Calcium Bromide	Glass bottle	25 g.	North top
Calcium Chloride	Plastic container	600 g.	North top
Calcium nitrite	Plastic container	25 g.	North top
Cobalt II sulfate	Plastic container	100 g.	North top

Chemical Section

Inventory

Verticle cabinet

<u>Description</u>	<u>Container/size</u>	<u>Quantity</u>	<u>Location</u>
Calcium Nitrate	Plastic container	25 g.	North top
Calcium nitrite	Plastic container	25 g.	North top
Cesium Nitrate	Glass bottle	25 g.	North top
Chromium sulfate	Plastic container	100 g.	North top
Cobalt Nitrate	Glass bottle	1 lb.	North top
Copper II Sulfate	Plastic container	5 lbs.	North top
Cupric Nitrate	Glass bottle	500 g.	North top
Ferric ammonium sulfate	Glass bottle	4 lbs.	North top
Ferric chloride hexa.	Plastic container	100 g.	North top
Ferrous sulfate	Plastic container	1 lb.	North top
Iodine	Glass bottle	1 lb.	North top
Lead II Acetate	Glass bottle	500 g.	North top
Lead chromate	Plastic containers	600 g.	North top
Lead nitrate	Plastic container	1 lb.	North top
Manganese sulfate	Plastic container	250 g.	North top
Mercuric chloride	Plastic container	5 g.	North top
Nickel sulfate	Plastic container	100 g.	North top
Potassium chromate	Plastic container	500 g.	North top
Potassium hydrogen sulfate	Glass bottle	500 g.	North top
Potassium iodide	Plastic container	500 g.	North top
Potassium nitrite	Plastic container	500 g.	North top
Potassium permanganate	Glass bottle	1000 g.	North top
Potassium dichromate	Plastic container	700 g.	North top
Silver chloride	Glass bottle	113 g.	North top
Sodium dichromate	Plastic container	10 lbs.	North top
Sodium nitrate	Plastic container	500 g.	North top
Sodium nitrite	Plastic container	50 g.	North top
Magnesium perchlorate	Plastic container	200 g.	North top
Magnesium sulfate	Glass bottle	500 g.	North top
Silver sulfate	Glass bottle	25 g.	North top
<u>North side bottom shelf</u>			
Acetic acid 2,4,5-Trichlorophenoxy	Glass bottle	250 g.	North bottom
Ammonium thiocyanate	Plastic container	500 g.	North bottom
Citric acid anhydrous	Plastic container	2500 g.	North bottom
Dodecylbenzene sulfonic acid	Glass bottle	100 g.	North bottom
Methyl red	Glass bottle	50 g.	North bottom

Chemical Section Inventory

Verticle cabinet

(north end attached to bench #1)

<u>Description</u>	<u>Container/size</u>	<u>Quantity</u>	<u>Location</u>
Nitrioltris(methylene triphosphonic acid)	Glass bottle	100 g.	North bottom
Oxalic acid	Plastic container	500 g.	North bottom
Potassium cyanide	Plastic container	500 g.	North bottom
Salicylic acid	Plastic container	1 lb.	North bottom
Sodium acetate trihydrate	Plastic container	500 g.	North bottom
Sodium flouride	Glass bottle	500 g.	North bottom
Sodium nitroprusside (nitroferricyanide)	Glass bottle	500 g.	North bottom
Sodium peroxide	Metal container	500 g.	North bottom
Sodium phosphate	Plastic container	2500 g.	North bottom
Sodium thiocyanate	Glass bottle	5 g.	North bottom
Sodium thiosulfate	Glass bottle	1 lb.	North bottom
Stannous chloride	Glass bottle	50 g.	North bottom
Sodium chloride	Plastic container	570 g.	North bottom
Tartaric acid	Plastic container	20 g.	North bottom
Wood preservative	Glass bottle	50 ml.	North bottom
Zinc bromide	Glass bottles	1500 g.	North bottom
Rosin	Glass bottle	1000 g.	North bottom
Ammonium nitrate	Glass bottle	6 lb.	North bottom

South side top shelf

Aluminum alloy 6061	Metal	2	South top
Aluminum alloy 1100	Metal	1	South top
Aluminum alloy 2024	Metal	1	South top
Aluminum alloy 3004	Metal	1	South top
Aluminum alloy 5052	Metal	1	South top
Aluminum alloy 6063	Metal	1	South top
Aluminum alloy 7075	Metal	1	South top
Tungsten accelerator	Plastic container	5 lb.	South top
Gray iron std AR 302	Glass container	150 g.	South top
Iron calibration std AR 673	Glass container	454 g.	South top
Ring std AR 871	Plastic container	454 g.	South top
Ring std AR 873	Plastic container	454 g.	South top
Ring std AR 874	Plastic container	454 g.	South top
Ring std AR 875	Plastic container	454 g.	South top

Chemical Section Inventory

Verticle cabinet

<u>Description</u>	<u>Container/size</u>	<u>Quantity</u>	<u>Location</u>
<u>South side top shelf</u>			
Argillaceous 1c limestone	Glass container	50 g.	South top
Arsenic trioxide Nist 83c	Plastic container	50 g.	South top
Arsenic troxide Nist 83b	Plastic container	50 g.	South top
Barium diphenylammonium-sulfonate	Glass container	5 oz.	South top
Calcium carbonate	Plastic container	5 g.	South top
Cast iron #6G	Glass container	100 g.	South top
Cast iron #7C	Glass container	100 g.	South top
Cast iron 122g	Glass container	100 g.	South top
Chromium metal	Plastic container	50 g.	South top
Diethyl-M-Toluamide	Glass container	500 g.	South top
Dolomite 0911	Glass container	100 g.	South top
Dolomitic limestone 88A	Glass container	75 g.	South top
Glycerine propane,1,2,3-triol	Glass container	1000 ml.	South top
Hydroxy naphthol blue Disodium salt	Glass container	100 g.	South top
Hydroxyquionline,8-	Glass container	500 g.	South top
Iron, electrolytic	Glass container	5 oz.	South top
Limestone GBW 07215 (no MSDS)	Glass container	50 g.	South top
Limestone samples GFS 400-419	Plastic container	50 g.	South top
Limestone 07217	Plastic container	50 g.	South top
Magnesium turnings	Plastic container	25 g.	South top
Magnesium carbonate hydroxide penta-H ₂ O	Plastic container	5 g.	South top
Magnesium metal	Plastic container	1 lb.	South top
Manganese flake	Plastic container	50 g.	South top
Iron 115A	Glass container	150 g.	South top
Nickel powder	Plastic container	100 g.	South top
Portland cement 1015	Glass container	5 g.	South top
Portland cement 1016	Glass container	5 g.	South top
Portland cement 634	Glass container	5 g.	South top

Chemical Section

Inventory

Verticle cabinet

<u>Description</u>	<u>Container/size</u>	<u>Quantity</u>	<u>Location</u>	
Portland cement 635	Glass container	5 g.	South top	
Portland cement 636	Glass container	5 g.	South top	
Portland cement 639	Glass container	5 g.	South top	
Sodium metal (in oil)	Metal	1	South top	
Sodium bicarbonate	Plastic container	2500 g.	South top	
Sodium carbonate	Plastic container	1.5 lb.	South top	
Sodium diphenyl- aminesulfonate	Glass container	10 g.	South top	
Steel CR-NI-MO 160A	Glass container	200 g.	South top	
Talcum	Glass container	500 g.	South top	
Titanium oxide	Glass container	50 g.	South top	
Zinc granular	Glass container	5 lb.	South top	Steel
Chrome-tungsten	Glass container	1	South top	
Vanadium				
Steel 339	Glass container	1	South top	
Stainless steel 101f	Glass container	1	South top	
Stainless steel 465	Glass container	1	South top	
Magnesium mx0020-2	Glass container	250 g.	South top	
Gold label Magnesium chips	Glass container	25 g.	South top	
Gold label Manganese flakes	Glass container	50 g.	South top	
Chromium powder	Glass container	50 g.	South top	
Portland cement 8486	Glass containers	3 vials	South top	
Cement Clinker 8487	Glass containers	3 vials	South top	
2,7-Dichloroflouroscein	Glass container	10 g.	South top	
Alizarin	Glass container	500 ml.	South top	
Tin metal	Glass container	1/2 lb.	South top	
<u>South side bottom shelf</u>				
Barium diphenylamine sulfonate	Glass container	5 g.	South bottom	
Bio-terge AS-40	Glass container	8 oz.	South bottom	
Calcium lignosulfonate	Glass container	10 g.	South bottom	
Diethanolamine-2,2- iminodiethanol	Glass container	500 g.	South bottom	
Disal naphsulfonic sodium	Plastic container	1 L.	South bottom	
Disal H2O solution naph- sulfonic sodium	Plastic container	1 L.	South bottom	
Rhodzonic acid, sodium salt	Glass container	5 g.	South bottom	

Chemical Section Inventory

Verticle cabinet

<u>Description</u>	<u>Container/size</u>	<u>Quantity</u>	<u>Location</u>
Dodecylbenzenesulfonic acid sodium salt	Glass container	25 g.	South bottom
Drierite calcium sulfate	Glass container	1 lb.	South bottom
Drierite indicating	Glass container	1 lb.	South bottom
EDTA tetrasodium salt	Glass container	500 g.	South bottom
Jeffamine jm2070 (alkyl ether amine)	Glass container	1 pt.	South bottom
Lignin pink	Glass container	25 g.	South bottom
Lignosulfonic Ca	Plastic container	100 g.	South bottom
Lignosulfonic Na	Plastic container	100 g.	South bottom
Na/KCSN MCG 29E	Plastic container	1 qt.	South bottom
Melmet F10	Plastic container	1 lb.	South bottom
Melmet F245	Plastic container	1 lb.	South bottom
Naphthol,2-2-naphthalenol	Glass container	20 g.	South bottom
Naxaf HSP			
Na Naph-SO ₃ -formaldehyde	Glass container	100 g.	South bottom
Poly(ethylene glycol)	Glass container	250 g.	South bottom
Sodium C14-16 olefin sulfonate	Plastic container	1 gal.	South bottom
Sodium D-Gluconate	Plastic container	500 g.	South bottom
Sodium ligno*1mole	Glass container	10 g.	South bottom
Sodium ligno*2moles	Glass container	10 g.	South bottom
Sodium ligno*3moles	Glass container	10 g.	South bottom
Sodium lignosulfonate CBA-1	Glass container	10 g.	South bottom
Sodium lignosulfonate N-1	Glass container	10 g.	South bottom
Sodium naph-H ₂ O	Glass container	10 g.	South bottom
Sodium polyacrylate	Plastic container	100 g.	South bottom
Sodium polyvinylsulfonate	Plastic container	100 g.	South bottom
Sodium salt of Tall oil	Glass container	10 g.	South bottom
Sucrose	Plastic container	500 g.	South bottom
Thioacetamide	Glass container	100 g.	South bottom
Triethanolamine	Glass container	25 g.	South bottom
Urea	Plastic container	1 kg.	South bottom
Alkyl ether amine xtj507	Glass container	1 pt.	South bottom
Sodium oxalate	Glass container	1 lb.	South bottom
Potassium acid phthalate	Glass container	1 lb.	South bottom

Chemical Section Inventory

Verticle cabinet

(north end attached to bench #1)

<i><u>Description</u></i>	<i><u>Container/size</u></i>	<i><u>Quantity</u></i>	<i><u>Location</u></i>
Alkyl ether amine xtl505	Glass container	1 pt.	South bottom
Alkyl ether amine xtl506	Glass container	1 pt.	South bottom
Glycerol	Glass container	500 ml.	South bottom
Humic acid	Glass container	100 g.	South bottom
Sodium glucoheptanate	Plastic container	500 g.	South bottom
Sodium poly(napthalene-formaldehyde)sulfonate	Plastic container	100 g.	South bottom
Tall oil(fatty acids)	Glass container	10 g.	South bottom
Sodium lignosulfonate 5.4%	Glass container	10 g.	South bottom
Sodium lignosulfonate 14.3%	Glass container	10 g.	South bottom
Calcium lignosulfonate 12.2%	Glass container	10 g.	South bottom
Sodium monoalkylbenzene sulfonate	Glass container	250 g.	South bottom
Tergitol XD	Glass container	100 ml.	South bottom
Tergitol XJ	Glass container	100 ml.	South bottom
Tergitol XH	Glass container	100 ml.	South bottom
D-glucose anhydrous	Plastic container	200 g.	South bottom
Glycerol anhydrous	Glass container	500 ml.	South bottom
Diethylene glycol 99%	Glass container	500 ml.	South bottom
2,6-dimethyl-1,3-dioxan-4-ol acetate	Glass container	200 ml.	South bottom
N-Methyldiethanolamine	Glass container	100 ml.	South bottom
D-(+)-Maltose monohydrate	Plastic container	50 g.	South bottom
Di(ethylene glycol)	Glass container	15 g.	South bottom
Multranol 9181	Metal container	1 gal.	South bottom
Ethylene glycol technical	Plastic container	1 gal.	South bottom
Ethylene glycol	Glass container	500 ml.	South bottom
Rhodizanic acid Na salt	Glass container	5 g.	South bottom
Glycerine	Glass container	1000 ml.	South bottom
Hydroxynaphthol blue disodium salt	Glass container	100 g.	South bottom
Phenolphthalein	Plastic container	100 g.	South bottom
Sodium diphenylamine-sulfonate	Glass container	10 g.	South bottom

Chemical Section Inventory

Instrument room (northeast side of lab)

<u>Description</u>	<u>Container/size</u>	<u>Quantity</u>	<u>Location</u>
Potassium bromide	Glass container	50 g.	Instrument room
Nujol mineral oil	Glass container	10 ml.	Instrument room
Mineral oil	Plastic container	1 L.	Instrument room
Nitrogen	Metal tank	2	Instrument room
Carbon dioxide	Metal tank	1	Instrument room
Compressed air	Metal tank	1	Instrument room

North entrance (area south of administrator's office)

Oxygen	Metal tank	1	North entrance area
Nitrogen	Metal tank	1	North entrance area

Miscellaneous Section Inventory

Room 1123

<u>Description</u>	<u>Container/size</u>	<u>Quantity</u>	<u>Location</u>
Epoxy coating (Scotchkote 413 T3) waste	Dry on steel bars	Small # of samples	Lab counter & bin
Polyethylene plastic pipe floor	Various sizes	0-5 samples	Lab counter or bin
Shell Turbo-T hydraulic oil garage	55 gallon	1	Wall next to bin
750			
door Spray paint rack in	Spray can	13 cans	Cabinet by coat Lab

Support Services Section Inventory

Machine shop Room 1153

<u>Description</u>	<u>Container/Size</u>	<u>Quantity</u>	<u>Location</u>
Acetylene	100 pounds	1	On cart
Cleaning solvent	drum	1	East wall
Cutting fluids	5 gallon	1	East wall
Welding rod, wire	MIG welding wire	2, 30lb. Rolls	In cabinet
	MIG welding wire	1, 30 lb. Roll	In
machine	MIG hardfacing wire	2, 22 lb. Rolls	In cabinet
	MIG aluminum wire	9, 1 lb. Roll	In cabinet
	MIG stainless steel wire	2, 2 lb. Rolls	In cabinet
	Brazing and weld Rods		In cabinet
Doall Powercut Oil	5 gallon	3	East wall

Doall Lube Oil	5 gallon	3	East wall
Teflon Spray to office	18 oz. Aerosol	6	Cabinet next
Grease/Kinzua	Tube	1	In locker
Penetrating Oil	193/4 oz. Aerosol	1	On bench
Hydraulic Oil	1 gallon	2	East wall

Support Services Section Inventory

Maintenance shop Room 1162

<u>Description</u>	<u>Container/Size</u>	<u>Quantity</u>	<u>Location</u>
Muratic acid center	55 gallon drum	40 gal.	Boiler room,
Caustic soda center	55 gallon drum	35 gal.	Boiler room,

Trichloroethylene
sink
(Bast a Coil)

22 ounce cans

6/22oz cans 2nd shelf, under

Nuclear Storage Area

Room 1158

Cesium-137
Americium-241

8mCi/gauge
40mCi/gauge

80mCi/10gauges
400mCi/10gauges