

## LIST OF NON-HAZARDOUS CHEMICAL WASTE

### A

Waste Name	Waste Description	Disposal Method
Acid waste, pH over 5.5	Contains only non-heavy metal acid and water	sanitary sewer
Actin	any concentration	liquid: sanitary sewer solid: trash
A-Adenosine, free base	any concentration	liquid: sanitary sewer solid: trash
Adenosine 2' & 3'-monophosphate, disodium salt	any concentration	liquid: sanitary sewer solid: trash
Adenosine 2' & 3'-monophosphate, free acid	any concentration	liquid: sanitary sewer solid: trash
Adenosine 2',3'-cyclic monophosphate, sodium salt	any concentration	liquid: sanitary sewer solid: trash
Adenosine 3',5'-cyclic monophosphate, sodium salt	any concentration	liquid: sanitary sewer solid: trash
Adenosine 3'-monophosphate, sodium salt	any concentration	liquid: sanitary sewer solid: trash
Adenosine 5'-diphosphate, sodium salt	any concentration	liquid: sanitary sewer solid: trash

Adenosine 5'-monophosphate	any concentration	liquid: sanitary sewer solid: trash
Adenosine 5'-monophosphate, disodium salt	any concentration	liquid: sanitary sewer solid: trash
Adenosine 5'-monophosphate, sodium salt	any concentration	liquid: sanitary sewer solid: trash
Adonitol; Ribitol	any concentration	liquid: sanitary sewer solid: trash
Agar; Bacto agar	any concentration	liquid: sanitary sewer solid: trash
Agarose	any concentration	liquid: sanitary sewer solid: trash
Aginic acid, sodium salt; Sodium alginate	any concentration	liquid: sanitary sewer solid: trash
b-Alanine	any concentration	liquid: sanitary sewer solid: trash
DL-Alanine	any concentration	liquid: sanitary sewer solid: trash
L-Alanine	any concentration	liquid: sanitary sewer solid: trash
Albumin, bovine	any concentration	liquid: sanitary sewer

		solid: trash
Albumin, bovine, methylated	any concentration	liquid: sanitary sewer solid: trash
Albumin, human	any concentration	liquid: sanitary sewer solid: trash
Albumin, human, 30% solution	any concentration	liquid: sanitary sewer solid: trash
Alcohol dehydrogenase	any concentration	liquid: sanitary sewer solid: trash
Aldolase, type X	any concentration	liquid: sanitary sewer solid: trash
DL-Aminobutyric acid; GABA	any concentration	liquid: sanitary sewer solid: trash
4-Amino-2-methyl-1-naphthol; Vitamin K5	any concentration	liquid: sanitary sewer solid: trash
Amylase	any concentration	liquid: sanitary sewer solid: trash
A-Amylase, type II-A	any concentration	liquid: sanitary sewer solid: trash
A-Amylase, type VI-B	any concentration	liquid: sanitary sewer solid: trash

B-Amylase, sweet potato	any concentration	liquid: sanitary sewer solid: trash
Amyloglucosidase	any concentration	liquid: sanitary sewer solid: trash
Amylose	any concentration	liquid: sanitary sewer solid: trash
Antifoam A emulsion	any concentration	liquid: sanitary sewer solid: trash
APV	up to 3 M	liquid: sanitary sewer
Apyrase, grade VI	any concentration	liquid: sanitary sewer solid: trash
D-Arabinose	any concentration	liquid: sanitary sewer solid: trash
L(+) Arabinose	any concentration	liquid: sanitary sewer solid: trash
D-Arabitol	any concentration	liquid: sanitary sewer solid: trash
Arginase	any concentration	liquid: sanitary sewer solid: trash
Arginine	any concentration	liquid: sanitary sewer solid: trash

L-(+)-Arginine	any concentration	liquid: sanitary sewer solid: trash
D-Asparagine, monohydrate	any concentration	liquid: sanitary sewer solid: trash
DL-Asparagine	any concentration	liquid: sanitary sewer solid: trash
L-Asparagine	any concentration	liquid: sanitary sewer solid: trash
Aspartamene; Asp-phe methyl ester; L-Aspartyl-L-phenylalanine methyl ester	any concentration	liquid: sanitary sewer solid: trash
D-Aspartic acid	any concentration	liquid: sanitary sewer solid: trash
DL-Aspartic acid	any concentration	liquid: sanitary sewer solid: trash
L-Aspartic acid	any concentration	liquid: sanitary sewer solid: trash
L-Aspartic acid, monosodium salt	any concentration	liquid: sanitary sewer solid: trash
Atropine	up to 0.15 M	liquid: sanitary sewer
Autex developer and replenisher	working solution concentration	liquid: sanitary sewer

## B

<b>Waste Name</b>	<b>Waste Description</b>	<b>Disposal Method</b>
Baclofen	upto 0.07 M	liquid: sanitary sewer
Bacto peptone; Peptone	any concentration	liquid: sanitary sewer solid: trash
Base waste, pH between 12.5 and 11	Contains only non-heavy metal base and water	if daily volume < 0.5 L, sanitary sewer
Base waste, pH less than 11	Contains only non-heavy metal base and water	sanitary sewer
Bayberry wax	any concentration	liquid: sanitary sewer solid: trash
Bentonite	any concentration	liquid: sanitary sewer solid: trash
Beta-Glucuronidase, type VIII	any concentration	liquid: sanitary sewer solid: trash
Betaine	any concentration	liquid: sanitary sewer solid: trash
Bicuculline	upto 7 mM	liquid: sanitary sewer
Bile salts	any concentration	liquid: sanitary sewer solid: trash
Biocytin	any concentration	liquid: sanitary sewer solid: trash
Bromelain	any concentration	liquid: sanitary sewer

solid: trash

[Top](#) [Bottom](#)

## C

Waste Name	Waste Description	Disposal Method
Calcium citrate	any concentration	liquid: sanitary sewer solid: trash
Calcium phosphate, monobasic	any concentration	liquid: sanitary sewer solid: trash
Calcium sulfate (Dierite)	any concentration	liquid: sanitary sewer solid: place in closed bag, then in trash
Carbachol chloride	upto 20 mM	liquid: sanitary sewer
Carbonic anhydrase	any concentration	liquid: sanitary sewer solid: trash
Carboxypeptidase B, type I	any concentration	liquid: sanitary sewer solid: trash
Carboxypeptidase Y	any concentration	liquid: sanitary sewer solid: trash
Carminic acid	any concentration	liquid: sanitary sewer

		solid: trash
Carrageenan, type II	any concentration	liquid: sanitary sewer solid: trash
B-Carotene type IV; Carotene type III; Carotene, trans-b-	any concentration	liquid: sanitary sewer solid: trash
Carrageenan, type IV	any concentration	liquid: sanitary sewer solid: trash
Casein	any concentration	liquid: sanitary sewer solid: trash
Cellobiose, D(+)	any concentration	liquid: sanitary sewer solid: trash
Cellulase type I, II, V, VI, and VII	any concentration	liquid: sanitary sewer solid: trash
Chalk; Protexulate; Calcium carbonate	any concentration	liquid: sanitary sewer solid: trash
Chitin	any concentration	liquid: sanitary sewer solid: trash
2-Chloroadenosine	upto 15 mM	liquid: sanitary sewer
Chondroitin sulfate A, sodium salt	any concentration	liquid: sanitary sewer solid: trash

CM Cellulose powder;  
Carboxymethyl cellulose

any concentration

liquid: sanitary  
sewer  
solid: trash

L-Citrulline

any concentration

liquid: sanitary  
sewer  
solid: trash

Coccarboxylase

any concentration

liquid: sanitary  
sewer  
solid: trash

Coenzyme A, sodium salt

any concentration

liquid: sanitary  
sewer  
solid: trash

Collagen

any concentration

liquid: sanitary  
sewer  
solid: trash

Collagenase

any concentration

liquid: sanitary  
sewer  
solid: trash

Coulture waste

< 0.0015% KCN, < 0.078%  
ammonia salt, <0.061% isopropanol,  
remainder saline

sanitary sewer

a-Chymotrypsinogen A

any concentration

liquid: sanitary  
sewer  
solid: trash

DL-Cystine

any concentration

liquid: sanitary  
sewer  
solid: trash

Cytidine 2'&3'-monophosphate,  
free acid

any concentration

liquid: sanitary  
sewer  
solid: trash

Cytidine 2'-monophosphate,  
sodium salt

any concentration

liquid: sanitary  
sewer

Cytidine 5'-triphosphate,  
sodium salt

any concentration

solid: trash

liquid: sanitary  
sewer  
solid: trash

Cytosine

any concentration

liquid: sanitary  
sewer  
solid: trash

[Top](#) [Bottom](#)

## D

### Waste Name

### Waste Description

### Disposal Method

Dehydroisoandrosterone 3-sulfate, sodium salt  
dihydrate; Sodium dehydroepiandrosterone sulfate

any  
concentration

liquid: sanitary  
sewer  
solid: trash

2'-Deoxyadenosine 5'-triphosphate

any  
concentration

liquid: sanitary  
sewer solid: trash

Deoxyepinephrine hydrochloride

any  
concentration

liquid: sanitary  
sewer  
solid: trash

Deoxyribonucleic acid, type XV

any  
concentration

liquid: sanitary  
sewer  
solid: trash

2-Deoxy-D-ribose

any  
concentration

liquid: sanitary  
sewer  
solid: trash

Deuterium oxide; Heavy water

any  
concentration

liquid: sanitary  
sewer solid: trash

Dextran	any concentration	liquid: sanitary sewer solid: trash
Dextrose, monohydrate; glucose	any concentration	liquid: sanitary sewer solid: trash
Diphenylmethane	any concentration	liquid: sanitary sewer solid: trash
2',4'-Dimethylacetophenone	any concentration	liquid: sanitary sewer solid: trash
DNA Polymerase I	any concentration	liquid: sanitary sewer solid: trash

[Top](#) [Bottom](#)

## E

Waste Name	Waste Description	Disposal Method
Egg albumin	any concentration	liquid: sanitary sewer solid: trash
Elastase, type III	any concentration	liquid: sanitary sewer solid: trash
Elastin-orcein	any concentration	liquid: sanitary sewer solid: trash
Enolase	any concentration	liquid: sanitary sewer solid: trash
D-Erythrose	any concentration	liquid: sanitary sewer

Ethidium bromide  
buffer

Ethidium bromide <0.4wt%

solid: trash

sanitary sewer

Ethidium bromide  
gel

Ethidium bromide <0.4 wt% in non-  
polyacrylamide gel

place into closed bag, then  
into trash

[Top](#) [Bottom](#)

## F

<b>Waste Name</b>	<b>Waste Description</b>	<b>Disposal Method</b>
Fibrin	any concentration	liquid: sanitary sewer solid: trash
Fibrinogen, human type I	any concentration	liquid: sanitary sewer solid: trash
Fibronectin	any concentration	liquid: sanitary sewer solid: trash
Flavin adenine dinucleotide	any concentration	liquid: sanitary sewer solid: trash
Folic acid	any concentration	liquid: sanitary sewer solid: trash
D-Fructose	any concentration	liquid: sanitary sewer solid: trash
B-D(-)-Fructose	any concentration	liquid: sanitary sewer solid: trash
D-Fructose-1,6-diphosphatase	any concentration	liquid: sanitary sewer solid: trash

Fumaric acid, potassium salt

any concentration

liquid: sanitary sewer  
solid: trash

[Top](#) [Bottom](#)

## G

<b>Waste Name</b>	<b>Waste Description</b>	<b>Disposal Method</b>
Gelatin	any concentration	liquid: sanitary sewer solid: trash
Glass beads	any concentration	liquid: sanitary sewer solid: trash
A-Glucosidase, type I	any concentration	liquid: sanitary sewer solid: trash
b-Glucosidase	any concentration	liquid: sanitary sewer solid: trash
B-D(+)-Glucose	any concentration	liquid: sanitary sewer solid: trash
L-Glucose	any concentration	liquid: sanitary sewer solid: trash

Glucose 6-phosphate dehydrogenase	any concentration	liquid: sanitary sewer solid: trash
Glucose-6-phosphate	any concentration	liquid: sanitary sewer solid: trash
Glutamic acid	upto 50 mM	liquid: sanitary sewer
D-Glutamic acid	any concentration	liquid: sanitary sewer solid: trash
DL-Glutamic acid	any concentration	liquid: sanitary sewer solid: trash
L-Glutamic acid	any concentration	liquid: sanitary sewer solid: trash
DL-Glutamic acid, monohydrate	any concentration	liquid: sanitary sewer solid: trash
L-Glutamine in saline	any concentration	liquid: sanitary sewer solid: trash
Glycerin	any concentration	sanitary sewer

D-glycogen	any concentration	liquid: sanitary sewer solid: trash
Glyculglycine	any concentration	liquid: sanitary sewer solid: trash
Gram's slide stain rinsate	1 drop of crystal violet solution, 1 drop of iodine stain solution, 1 drop of acetone/ethanol solution and 1 drop of Safrinin solution rinsed into 10 L of water	sanitary sewer
Guanosine 3',5'-cyclic monophosphate, sodium salt	any concentration	liquid: sanitary sewer solid: trash
Guanosine 3'-monophosphate, sodium salt	any concentration	liquid: sanitary sewer solid: trash
Guanosine 5'-monophosphate	any concentration	liquid: sanitary sewer solid: trash
Guar gum	any concentration	liquid: sanitary sewer solid: trash
Gum, karaya	any concentration	liquid: sanitary sewer solid: trash
Gum, xanthan	any concentration	liquid: sanitary

sewer  
solid: trash

[Top](#) [Bottom](#)

## H

<b>Waste Name</b>	<b>Waste Description</b>	<b>Disposal Method</b>
Hematin	any concentration	liquid: sanitary sewer solid: trash
Hemin	any concentration	liquid: sanitary sewer solid: trash
Hemoglobin	any concentration	liquid: sanitary sewer solid: trash
Hexokinase	any concentration	liquid: sanitary sewer solid: trash
Histone	any concentration	liquid: sanitary sewer solid: trash
Hyaluronidase, type I-S	any concentration	liquid: sanitary sewer solid: trash
Hydrocortisone	any concentration	liquid: sanitary sewer solid: trash
Hydrocortisone acetate	any concentration	liquid: sanitary sewer solid: trash
DL-Histidine	any concentration	liquid: sanitary sewer solid: trash
DL-Homoserine	any concentration	liquid: sanitary sewer solid: trash

Hydrogen peroxide

3% or below

liquid: sanitary sewer

[Top](#) [Bottom](#)

---

## I

Waste Name	Waste Description	Disposal Method
IgG	any concentration	liquid: sanitary sewer solid: trash
Ilford ID 11	working solution concentration	liquid: sanitary sewer
Ilford 2000 RT developer #741759	working solution concentration	liquid: sanitary sewer
Ilford 2150 XL developer #741816	working solution concentration	liquid: sanitary sewer
Inulin	any concentration	liquid: sanitary sewer solid: trash
Invertase, grade V	any concentration	liquid: sanitary sewer solid: trash
Iron powder	wet or oxidized	solid:trash
DL-Isoleucine	any concentration	liquid: sanitary sewer solid: trash
Isoproternol	upto 150 mM	liquid: sanitary sewer

[Top](#) [Bottom](#)

---

## K

Waste Name	Waste Description	Disposal Method
------------	-------------------	-----------------

Kaolin	any concentration	liquid: sanitary sewer solid: trash
Kodak developer D-11	working solution concentration	liquid: sanitary sewer
Kodak developer D-19	working solution concentration	liquid: sanitary sewer
Kodak developer D-76	working solution concentration	liquid: sanitary sewer
Kodak dektol developer	working solution concentration	liquid: sanitary sewer
Kodak microdol X-developer	working solution concentration	liquid: sanitary sewer
Kodak Technidol developer	working solution concentration	liquid: sanitary sewer
Kodalith developer (A:B = 1:1)	working solution concentration	liquid: sanitary sewer

[Top](#) [Bottom](#)

## L

Waste Name	Waste Description	Disposal Method
L-Lactic dehydrogenase, type XI	any concentration	liquid: sanitary sewer solid: trash
L-Proline; CAS # 147-85-3	any concentration	liquid: sanitary sewer solid: trash
L-Serine; CAS# 56-45-1	any concentration	liquid: sanitary sewer solid: trash
L-Sorbose	any concentration	liquid: sanitary sewer solid: trash
L-Threonine	any concentration	liquid: sanitary sewer solid: trash

L-Valine	any concentration	liquid: sanitary sewer solid: trash
D-Lactic dehydrogenase	any concentration	liquid: sanitary sewer solid: trash
Lactoferrin	any concentration	liquid: sanitary sewer solid: trash
b-Lactoglobulin	any concentration	liquid: sanitary sewer solid: trash
alpha-Lactose	any concentration	liquid: sanitary sewer solid: trash
Lectin	any concentration	liquid: sanitary sewer solid: trash
Lectin from glycine max	any concentration	liquid: sanitary sewer solid: trash
Lectin from triticum vulgaris peroxidase labeled	any concentration	liquid: sanitary sewer solid: trash
DL-Leucine	any concentration	liquid: sanitary sewer solid: trash
Locust bean gum (carob flour)	any concentration	liquid: sanitary sewer solid: trash
Lysozyme, grade I (chicken egg)	any concentration	liquid: sanitary sewer solid: trash

[Top](#) [Bottom](#)

## M

Waste Name	Waste Description	Disposal Method
------------	-------------------	-----------------

Magnesium hydroxide	any concentration	liquid: sanitary sewer solid: trash
D-(+)-Maltose, monohydrate	any concentration	liquid: sanitary sewer solid: trash
a-D(+)-Melibiose any concentration	liquid: sanitary sewer	solid: trash
Metal articles	pipes, sheets, rocks, cuttings, etc. (materials that are not powdered, finely divided or dissolved and are not made of chromium, copper, lead, nickel, silver and zinc)	small items may be placed into trash, for very large items (janitor cannot handle) make special arrangements with trash company
Methyl cellulose (All centipoises)	any concentration	liquid: sanitary sewer solid: trash
Monoamine oxidase	any concentration	liquid: sanitary sewer solid: trash
MXR RP-HC developer	working solution concentration	liquid: sanitary sewer
Myoglobin, human	any concentration	liquid: sanitary sewer solid: trash
Myokinase	any concentration	liquid: sanitary sewer solid: trash

[Top](#) [Bottom](#)

## N

Waste Name	Waste Description	Disposal Method
A-NADP, tetrasodium salt; A-Nicotinamide adenine	any	liquid: sanitary

dinucleotide phosphate	concentration	sewer solid: trash
NADP; Nicotinamide adenine dinucleotide phosphate	any concentration	liquid: sanitary sewer solid: trash
B-Nicotinamide adenine dinucleotide agarose	any concentration	liquid: sanitary sewer solid: trash
B-Nicotinamide adenine dinucleotide phosphate, tetrasodium salt	any concentration	liquid: sanitary sewer solid: trash
B-Nicotinamide adenine dinucleotide, disodium salt	any concentration	liquid: sanitary sewer solid: trash
B-Nicotinamide mononucleotide	any concentration	liquid: sanitary sewer solid: trash
Naloxone	upto 0.1 M	liquid: sanitary sewer
Nerve growth factor	any concentration	liquid: sanitary sewer solid: trash
Neuraminidase, type X and type VIII	any concentration	liquid: sanitary sewer solid: trash
Nifedipine	upto 0.3 M	liquid: sanitary sewer
Nimodipine	upto 0.7 M	liquid: sanitary sewer
Norepinephrine	upto 10 mM	liquid: sanitary

sewer

[Top](#) [Bottom](#)

## P

Waste Name	Waste Description	Disposal Method
p-Hydroxybenzoic acid propyl ester	any concentration	liquid: sanitary sewer solid: trash
Pantothenic acid	any concentration	liquid: sanitary sewer solid: trash
Pantothenic acid, hemicalcium salt; Calcium pantothenate; Vitamin B5, calcium salt	any concentration	liquid: sanitary sewer solid: trash
DL-Pantothenic acid, hemicalcium salt	any concentration	liquid: sanitary sewer solid: trash
Pectin	any concentration	liquid: sanitary sewer solid: trash
Pectinase	any concentration	liquid: sanitary sewer solid: trash
Penicillinase, type I	any concentration	liquid:

		sanitary sewer solid: trash
Pentalamine	upto 1500 mM	liquid: sanitary sewer solid: trash
Phenylephrine	upto 200 mM	liquid: sanitary sewer solid: trash
Phosphatase alkaline, type VII-NT, bovine	any concentration	liquid: sanitary sewer solid: trash
Phosphodiesterase	any concentration	liquid: sanitary sewer solid: trash
Phosphodiesterase 3',5'-cyclic nucleotide	any concentration	liquid: sanitary sewer solid: trash
Picker 3.7.90 PCI 262889	working solution concentration	liquid: sanitary sewer
Picrotoxin	upto 0.3 mM	liquid: sanitary sewer
Plasmin	any concentration	liquid: sanitary sewer solid: trash
Polymeric materials, epoxys, adhesives and glues	Hardened, reacted dried or solidified materials only	trash

Potassium bitartrate; Potassium hydrogen tartarate; Cream of Tartar	any concentration	liquid: sanitary sewer solid: trash
Potassium thiosulfate	any concentration	liquid: sanitary sewer solid: trash
Proline	any concentration	liquid: sanitary sewer solid: trash
DL-Proline	any concentration	liquid: sanitary sewer solid: trash
Propranalol	upto 250 mM	liquid: sanitary sewer solid: trash
Prostaglandin F1A antiserum from rabbit	any concentration	liquid: sanitary sewer solid: trash
Protease inhibitor from rabbit skeletal muscle	any concentration	liquid: sanitary sewer solid: trash
Pyridoxal phosphate	any concentration	liquid: sanitary sewer solid: trash

## R

<b>Waste Name</b>	<b>Waste Description</b>	<b>Disposal Method</b>
Railroad ties	Cresol < 200 ppm	make arrangements with landfill through EH&S
Rauwolschine	upto 30 mM	liquid: any concentration
Rennin	any concentration	liquid: sanitary sewer solid: trash
Riboflavin	any concentration	liquid: sanitary sewer solid: trash
D-Ribose 5-phosphate, disodium salt	any concentration	liquid: sanitary sewer solid: trash
Ribonuclease A; Ribonuclease S; Ribonuclease T1	any concentration	liquid: sanitary sewer solid: trash
Rosin gum; Rosin wood	any concentration	liquid: sanitary sewer solid: trash

[Top](#) [Bottom](#)

---

## S

<b>Waste Name</b>	<b>Waste Description</b>	<b>Disposal Method</b>
Saline solution	Less than 50% sodium chloride in water	sanitary sewer
Sarcosine	any concentration	liquid: sanitary sewer solid: trash

DL-Serine	any concentration	liquid: sanitary sewer solid: trash
Sodium ascorbate; Vitamin C, sodium	any concentration	liquid: sanitary sewer solid: trash
Sodium azide solution	sodium azide < 0.05% in water	sanitary sewer
D-Sorbitol	any concentration	liquid: sanitary sewer solid: trash
Starch	any concentration	liquid: sanitary sewer solid: trash
Streptokinase	any concentration	liquid: sanitary sewer solid: trash
Strontium sulfate	any concentration	liquid: sanitary sewer solid: trash
Succinamide	any concentration	liquid: sanitary sewer solid: trash
Sucrose; table sugar	any concentration	liquid: sanitary sewer solid: trash

[Top](#) [Bottom](#)

## T

**Waste Name**

**Waste Description**

**Disposal Method**

DL-Threonine	any concentration	liquid: sanitary sewer solid: trash
Thyroglobulin, bovine	any concentration	liquid: sanitary sewer solid: trash
Tragacanth gum	any concentration	liquid: sanitary sewer solid: trash
Transferrin, human	any concentration	liquid: sanitary sewer solid: trash
Triolein	any concentration	liquid: sanitary sewer solid: trash
Tris buffer	upto 0.1 M	liquid: sanitary sewer
Tropomyosin	any concentration	liquid: sanitary sewer solid: trash
Trypsin inhibitor	any concentration	liquid: sanitary sewer solid: trash

[Top](#) [Bottom](#)

## V

Waste Name	Waste Description	Disposal Method
Valine	any concentration	liquid: sanitary sewer solid: trash
D-Valine	any concentration	liquid: sanitary sewer solid: trash
Vitamin K1; Phylloquinone; 2-methyl-3-phytyl-1,4-	any concentration	liquid: sanitary

naphthoquinone

sewer  
solid: trash

[Top](#) [Bottom](#)

---

## X

<b>Waste Name</b>	<b>Waste Description</b>	<b>Disposal Method</b>
Xanthine oxidase	any concentration	liquid: sanitary sewer solid: trash
Xylitol	any concentration	liquid: sanitary sewer solid: trash
D-Xylose	any concentration	liquid: sanitary sewer solid: tras