

SEWER DISPOSAL LIST

(For assistance, please contact EHS at (402) 472-4925, or visit our web site at <http://ehs.unl.edu/>)

This document specifies certain conditions where dilute chemicals may be disposed to the sanitary sewer under Special Waste Disposal Permit No. 002700539-010. This permit is only applicable to University of Nebraska-Lincoln facilities located in Lancaster County. Disposal may only be made to a sanitary sewer, and not to a septic system or storm sewer.

- Only aqueous solutions solely containing the chemicals listed here may be disposed to a sanitary sewer. Solutions containing chemicals not included on this list, regardless of concentration, may not be disposed to the sanitary sewer.
- A maximum of 1 liter (before dilution or neutralization) of any specific chemical may be placed down an individual drain each day (unless otherwise specified).
- Further instructions regarding dilution and/or neutralization that must be followed prior to disposal are described below for some chemicals. **Note: Do not neutralize any solution with an initial pH of ≤ 2 or ≥ 12.5 without first contacting EHS, as such activity is subject to certain hazardous waste regulations.**
 - For neutralization, follow any acceptable lab procedures regarding neutralizing the chemical.
 - The pH of all chemicals must be in the range of 5.5 to 9.5 before disposal.
 - Dilution is based on volume and must be made with water.
 - The entire amount of the solution following treatment may be disposed at one time, even if the resulting total volume is greater than 1 liter.
- Water must be run down the drain for a minimum of 5 minutes after each disposal incident.

For technical assistance, please call EHS at 472-4925 prior to disposal.

Further Instructions	Chemical – Liquids Only
None	Acetate Buffer
None	Acethropan
None	Acetic Acid
None	Acetic Acid, Glacial
None	Acetyl Coenzyme A
None	Acetylglucosamine
Must be neutralized	Acetylsalicylic Acid
None	Aconotase
None	Cis-Aconitic Acid
None	Adenine (Hemisulfate)

Further Instructions	Chemical – Liquids Only
Dilute 10:1	Adenosine
None	Adenosine 5'-Diphosphate
None	Adenosine 5'-Monophosphate
None	Adenosine 5'-Triphosphate
None	Adenosine 5'-Triphosphate Agarose
None	5'-Adenylymidodiphosphate
None	Agar
None	Agar, Bacto
None	Agarose
None	Agarose I
None	L-Alanine
None	Low Melting Point Agarose (Seaplaque)
None	Albegal SET
None	Albumin
None	Alcohol Dehydrogenase
None	Alconox
Must be neutralized, Dilute 10:1	Alginate Acid
Dilute 10:1	Alumina
Dilute 10:1	Aluminum Oxides
Dilute 10:1	Aluminum Silicate
Dilute 10:1	Aluminum Sodium Sulfate
(Must be neutralized, Dilute 10:1)	Aluminum Sulfate (if Acidic)
None	Amino Acid
Must be neutralized, Dilute 10:1	Aminoacetic Acid
None	Aminopyrrolidine Hydrochloride
None	Aminoquanidine HCl
None	Ammonium Bicarbonate
None	Ammonium Carbonate
Dilute 10:1	Ammonium Chloride
Dilute 10:1	Ammonium Citrate
Dilute 10:1	Ammonium Lactate
None	Ammonium Molybdate
Dilute 10:1	Ammonium Phosphate
None	Ammonium Salicylate
None	Ammonium Stearate
Dilute 10:1	Ammonium Sulfate
None	Ammonium Valerate
None	Ampholine
None	Amyloglucosidases
None	Amylopectin
None	Amylose
Must be Autoclaved	Animal Serum
None	Anti Chlor (liquid)
None	Antifoam A

Further Instructions	Chemical – Liquids Only
None	AP Color Development Reagent, Fast Red
None	AP Color Development Reagent, Naphthol Phosphate
None	Apigenin
None	Aprotinin
Dilute 20:1	Apyrase
Dilute 10:1	Arabinose
None	Arginine HCl
None	L-Arginine HCL
Must be neutralized, Dilute 10:1	Ascorbic Acid
Must be neutralized, Dilute 10:1	L-Ascorbic Acid
None	Asolectin
None	Asparaginase
None	Asparagine HCl
None	L-Aspartic Acid
None	Avidin-alkaline Phosphate
Dilute 20:1	Azocoll
None	Bacteriorhodopsin
None	Bacto Agar
None	Bacto Yeast Extract
None	Bacto-Lactose Broth
None	Bacto-Nutrient Broth
None	Bacto-Peptone
None	Bacto-Tryptone
Copper <0.25 mg/L	Bath Clear, Algicide
None	BCA Protein Assay Reagent A
None	BCA Protein Assay Reagent B
None	Beef Extract
None	Bees Wax (if solubilized)
None	Behenic Acid
Dilute 10:1	Bentonite
None	Benzenedisulfonic Acid
None	6-Benzylaminopurine
None	Bicinchoninate, Dipotassium Salt
Dilute 20:1	Biotin
None	Bleach
None	Brilliant BlueG (Coomassie Brilliant Blue G)
None	Brilliant BlueR (Coomassie Brilliant Blue R)
None	Bromocresol Blue
None	Bromocresol Green
None	Bromocresol Purple
None	Bromophenol Blue
None	Cab-o-sil
None	Calcium Acetate
Dilute 10:1	Calcium Borate

Further Instructions	Chemical – Liquids Only
Must be neutralized	Calcium Carbonate
None	Calcium Caseinate
Dilute 10:1	Calcium Chloride
None	Calcium Citrate
Dilute 10:1	Calcium Fluoride
None	Calcium Gluconate
None	Calcium Glycerophosphate
None	Calcium iodide
None	Calcium Lactate
None	Calcium Oleate
None	Calcium Oxide
None	Calcium Pantothenate
None	Calcium Phosphate
None	Calcium Sulfate
None	Calibrating Buffer pH 10.0
None	Calibrating Buffer pH 4.0
None	Calibrating Buffer pH 7.0
None	Calsolene Oil
None	L-Canavanine Sulfate Salt
None	CAPS
None	Carotene
None	Carrier NSC
None	Casamino Acids
None	Casein
None	Casein Hydrolysate (NZ amine)
None	Casein Kinase-2 Substrate
None	Catalase
None	Celite
Dilute 20:1	Cellobiose CP
Dilute 20:1	Cellulase
Dilute 20:1	Cellulase Azure
None	Cellulose
None	Cellulose Phosphate
Dilute 10:1	Cellulose Acetate
None	Cesium Chloride
None	Chem Flakes
None	Chlorella Broth
None	Chlorophyll
None	Chlorox Bleach (5% sodium hypochlorite)
None	Chlorphenol Red
None	Cholesterol
None	Choline
None	Choline Bitartrate
None	Choline Chloride

Further Instructions	Chemical – Liquids Only
None	Choronic Gonadotropin
None	Cibacon Blue SGA
None	Citrate Synthase
Must be neutralized, Dilute 10:1	Citric Acid
None	Citric Acid, Trisodium Salt
None	CK Acid Dye Black 601
None	CK Acid Dye Black 605
None	CK Acid Dye Br Blue 409
None	CK Acid Dye Magenta 307
None	CK Acid Dye Tansey Yellow 141
None	CK Acid Dye Yellow 117
None	CK Acid Dye Yellow 136
None	CK Kiton Acid Dye Bright Blue 440
None	CK Kiton Acid Dye Bright Yellow 123
None	CK Kiton Acid Dye Ruby Red 357
None	Coccarboxylase
None	Coenzyme A
None	Coenzyme Q10
None	Coenzyme Qo
Dilute 5:1	Colilert® Reagent
None	Collagen
None	Concanavalin A
None	Corn Dextrin (Liquid)
None	Corn Oil
None	Creatinine
None	Cyclodextrin
None	Cysteine
None	D-Cysteine
None	L-Cysteine
None	L-Cystine
None	Cytosine
None	Cytidine
None	Cytochrome c
Must be neutralized, Dilute 20:1	Defense-C Lane Cleaner
None	Deoxyribonuclease
None	Deoxyribonuclease I
None	Dextran
None	Dextran Sulphate Sodium Salt
None	Dextrin
None	Dextrose
None	Dextrose, Anhydrous
Dilute 20:1	D-Gluconic Acid
None	D-Glucose-6-Phosphate
None	D-Glycogen (Beef Liver)

Further Instructions	Chemical – Liquids Only
Dilute 10:1	Diaminobenzidine
None	3,5-Diaminobenzoic Acid
None	Diatase (of malt)
None	Digoxin
None	Dihydroacetone Phosphate
None	DL-B-3,4-Dihydroxy-Phenolalanine (DL-DOPA)
None	1-(3-Dimethylaminopropyl)-3-ethylcarbodiimide HCl
None	Dimethylaniline
None	Dimethylglycine
None	Discharge Paste
None	Disodium Phosphate
None	Disodium Pyrophosphate
None	Disodium Sulfate
Dilute 20:1	Dodecyl-agarose Resin
None	n-Dodecyl-B-D-maltoside
None	Driselase
None	Dulbecco's Mod. Eagle's Medium (DMEM)
None	Dye Activator
None	E-Amino-n-caproic Acid
None	Econosafe
None	Elastase
None	Electrode Storage Solution
None	Endo Agar
None	Enolase
None	Epsom Salts
Dilute 10:1	Ethanol (less than 24%)
Dilute 20:1	DL-Ethionine
Dilute 10:1	Ethylene Glycol
None	Ethylene Glycol-bis(B-aminoethyl ether)N,N,N'N'
Must be neutralized, Dilute 5:1	Ethylenediamine tetraacetic acid (EDTA)
None	Extran 1000 (detergent)
Dilute 5:1, Flush with 20:1 water	EZ-Vision Three DNA Dye & Buffer
None	Ferric Citrate
None	Ferritin
Dilute 10:1	Ferrous Ammonium Sulfate
None	Fibrous Cation Exchanger Ficoll Type 400DL
None	Fixative OR
None	Fix LHF
None	Flavin Mononucleotide
None	Flazo Orange
None	Folic Acid
None	Formosul
None	Fructose
None	D-Fructose 1,6-Diphosphate

Further Instructions	Chemical – Liquids Only
None	Fructose-6-Phosphate Kinase, Pyrophosphate Dep
Dilute 20:1	Freund's adjuvant
Dilute 10:1	Fullers Earth
None	Fumaric
Dilute 20:1	Fumaric Acid
None	Fumerase
None	Galactose
None	D(+) Galactose
None	Gelatin
None	Gibberillic Acid
None	Glacial Acetic Acid
None	Globulin
Must be neutralized, Dilute 10:1	Gluconic Acid
Must be neutralized, Dilute 10:1	L-Gluconic Acid
None	D(+) Glucose
Dilute 20:1	Glucose Standard Solution
None	Glucose-6-Phosphate
None	Glucose-6-Phosphate Dehydrogenase
Must be neutralized, Dilute 10:1	Glutamic Acid
Must be neutralized, Dilute 10:1	L-Glutamic Acid
None	Glutamine
None	L-Glutamine
Must be neutralized, Dilute 10:1	Glutmamic Acid
None	Glutathione
None	DL-Glyceraldehyde-3-phosphate Diethyl Acetal
None	Glycerin/Glycerol
None	Glycerophosphate
None	DL-a-Glycerophosphate
None	Glycine
None	Glycogen
None	Glycogen Type II from Oyster
None	Glycolic Acid
None	Glycylglycine
Dilute 20:1	GN Broth, Hajna
Must be neutralized, Dilute 10:1	Guaiacol
None	Guanine
Dilute 20:1	Guanosine
None	Guanosine 5'-Triphosphate (GTP)
None	Guar Gum (Liquid)
Dilute 10:1	Gypsum
None	Bis-Tris-HCl
Dilute 10:1	Hemoglobin
Dilute 20:1	Heptahydrate Iron (11,111)Oxide
None	Hexokinase

Further Instructions	Chemical – Liquids Only
None	Histamine
None	Histamine Dihydrochloride
None	L-Histidine
Must be neutralized, Dilute 20:1	Hydrochloric Acid
5:1 dilution	Hydrogen Peroxide 3%
None	Hydroxyalkoxypropyl Dextran
Dilute 20:1	Hydroxy-Proline
Dilute 20:1	Hypoxanthine
None	Iminodiacetic Acid
None	Indole-3-Acetic Acid
None	Inosine 5'-Diphosphate
None	Inositol
Dilute 10:1	Insulin
None	Ipecac Syrup
None	Iron Citrate
None	p-Isoascorbic Acid
None	Isobutric Acid
None	Isocitric Acid
None	DL-Isocitric
Dilute 20:1	DL-Isocitric Acid, Trisodium Salt
None	Isocitric Dehydrogenase (NADP)
Must be neutralized, Dilute 10:1	Isoleucine
Must be neutralized, Dilute 10:1	L-Isoleucine
Dilute 20:1	Isomaltose
Dilute 10:1	Kaolin
Dilute 10:1	Keratin
None	a-Ketoglutarate Dehydrogenase
None	a-Ketoglutaric Acid
None	Kodak GBX Developer and Replenisher
None	Kodak Readymatic Dental Developer and Replenisher
Must be neutralized, Dilute 10:1	Lactic Acid
Must be neutralized, Dilute 10:1	DL-Lactic Acid (liquid)
None	L-Lactic Dehydrogenase
None	B-Lactoglobulin
None	Lactose
None	D(+) Lactose Lactate Standard
Dilute 20:1	Lactulose
None	Lanolin
None	Lecithin
Dilute 10:1	Leucine
None	Levulose
None	Lipoamide Dehydrogenase
None	Lithium Acetate
None	Lithium Acetate Dihydrate

Further Instructions	Chemical – Liquids Only
Must be neutralized, Dilute 10:1	Lithium Carbonate
Dilute 10:1	Lithium Chloride
Dilute 20:1 (Maximum of 100g of Lithium Citrate per Principal Investigator per day)	Lithium Citrate
Dilute 10:1	Litmus
None	Low Crock Concentrate
None	L-Lysine
None	D-Luciferin, Potassium Salt
None	Lysozyme
None	Magnesium Acetate
Dilute 10:1	Magnesium Borate
Must be neutralized, Dilute 10:1	Magnesium Carbonate
None	Magnesium Chloride
None	Magnesium Citrate
None	Magnesium Lactate
None	Magnesium Phosphate
None	Magnesium Sulfate
None	Maleic Acid
None	L(-) Malic Acid
None	Malic Dehydrogenase
None	Malt Extract
None	Maltodextrin
None	Maltose
None	D(+) Maltose
Dilute 20:1	L(-) Malic Acid
Dilute 20:1	MacConkey Agar Base (Dehydrated)
Dilute 20:1	MacConkey Broth
Dilute 20:1	Magnesium Chloride, Hexahydrate
Dilute 20:1	Magnesium Sulfate, (Anhydrous)
Dilute 20:1	Magnesium sulfate Heptahydrate
Dilute 20:1	Mannitol
Dilute 20:1	D-Mannitol
Dilute 20:1	D-Mannoheptose
Dilute 20:1	D-Mannose 99% Mixture of Anomers Marine Broth
Dilute 20:1	Alpha D-Mannose Pentaacetate
Dilute 20:1	D-Mannosamine
None	Menadione
Dilute 20:1	MES
None	Metaphos
Dilute 20:1	Methionine
Dilute 20:1	D,L-methionine
Dilute 20:1	L-Methionine
None	Methyl Cel (Methyl Cellulose)

Further Instructions	Chemical – Liquids Only
None	Methyl Hystidine
Dilute 10:1	Methyl Lactate
None	Methyl Salicylate
None	4-Methyl DL-Tryptophan
None	5-Methyl DL-Tryptophan
None	Methylene Blue
Dilute if Nonfat Dry Milk	Milk, Nonfat Dry
None	Monagum
None	2-[N-morpholino]ethane-
None	MOPS(3-[N-Morpholino]propanesulfonic acid)-RNA
None	Murashiges & Skoog Basal Salt w/min Organism(MSMO)
None	Myo-Inositol
None	B-NAD
None	B-NAD 4% Beaded Agarose
None	NADP
None	B-NADPH
None	Neutral Red
None	Niacin
None	Niacinamide
Dilute 20:1	B-NAD B-Nicotinamide Adenine Dinucleotide
Dilute 20:1	Beta-Nicotinamide Adenine Dinucleotide Beta-NAD
Dilute 20:1	B-Nicotinamide Adenine Dinucleotide Phosphate B-NADP
Dilute 10:1	Nicotinamide
Must be neutralized, Dilute 10:1	Nicotinic Acid
Must be neutralized, Dilute 10:1	Nitric Acid
Dilute 20:1	Nitro Blue Tetrazolium (~stock solution)
Dilute 20:1	Nitro Blue Tetrazolium (nBT)
Dilute 10:1	Nitroglycerine/Dextrose Solutions (Partially Administered)
None	P-Nitrophenyl Phosphate
None	N-Z Amine A
None	n-Octyl-B-Glucopyranoside
None	L-Ornithine
None	Cis-Oxalacetic Acid
Dilute 20:1 (Maximum of 100g of Oxalic Acid per Principal Investigator per day)	Oxalic Acid
None	Oxythiamine Chloride
Dilute 20:1	Palmitate
None	Pancreatin
Dilute 20:1	D-Pantothenic Acid
None	Papain
None	Pectinase
None	Pepsin
None	Phenylalanine

Further Instructions	Chemical – Liquids Only
None	L-Phenylalanine
Dilute 20:1	Phenyl beta D-galactoside
None	Phloridzin
None	Phosphatase, Alkaline
Dilute 20:1	Phosphate Buffered Saline (PBS)
Dilute 20:1	Phosphate Monobasic
None	Phosphatidyl Choline
None	L-a-Phosphatidylcholine (L-a-Lecithin)
None	Phosphocreatine
None	6-Phosphogluconic Acid
None	Phosphoglucose Isomerase
None	D(-)2-Phosphoglyceric Acid
Must be neutralized, Dilute 20:1	Phosphoric Acid
Dilute 20:1	Polyethylene Glycol PEG
Dilute 20:1	Polyethylene Glycol (MW 4000)
Must be neutralized, Dilute 5:1	Polyvinylpyrrolidone (PVP)
None	Ponceau S
None	Potassium Acetate
Must be neutralized, Dilute 10:1	Potassium Acid Phosphate
None	Potassium Bicarbonate
Dilute 10:1	Potassium Bisulfate
None	Potassium Bitartrate
Dilute 10:1	Potassium Borate
Dilute 10:1	Potassium Bromide
Must be neutralized, Dilute 10:1	Potassium Carbonate
None	Potassium Chloride
None	Potassium Citrate
Dilute 10:1	Potassium Hydrogen Phthalate
Must be neutralized, Dilute 20:1	Potassium Hydroxide
Dilute 10:1	Potassium Iodide
None	Potassium Lactate
None	Potassium Phosphate
Dilute 20:1	Potassium Phosphate Dibasic
Dilute 20:1	Potassium Phosphate Monobasic
Dilute 20:1	Potassium Phthalate pH Buffer 4.0
None	Potassium Pyrophosphate
None	Potassium Sodium Tartrate
None	Potassium Sulfate
Must be neutralized, Dilute 10:1	Potassium Sulfite
Dilute 20:1	Potassium Tetraborate
Dilute 20:1	Potassium Tetrathionate
None	Potato Dextrin (Liquid)
None	Print Paste Mix F
None	Print Paste Mix SH

Further Instructions	Chemical – Liquids Only
None	PRO Black 608
None	PRO Cotton Black 602A
None	PRO Fuchsia 308 (Liquid)
None	PRO Golden Yellow 104 (Liquid)
None	PRO Lemon Yellow 114
None	PRO Mixing Blue 402 (Liquid)
None	PRO Navy 412
None	PRO Strongest Red 312N (Liquid)
None	PRO Teal Blue 4222
None	PRO Turquoise 410
None	D-Proline
None	L-Proline
Dilute 20:1	Bis-Tris-Propane
None	Protamine Sulfate
None	Proteinase K
None	Pyridoxal 5-Phosphate
Dilute 20:1	Pyridoxine
None	Pyruvate Decarboxylase
None	Pyruvate Dehydrogenase
None	Pyruvate Kinase
None	Pyruvic Acid
Dilute 20:1	Pyruvic Acid Methyl Ester
None	Radioimmunoprecipitation Assay Buffer (RIPA)
Dilute 20:1	Raffinose
Dilute 20:1	D(+) Raffinose
None	Rapid Coomassie Stain
None	Remazol Liquid Dyes
None	Retayne
Dilute 20:1	Rhamnose
Dilute 20:1	Riboflavin
None	Riboflavin-5-Phosphate
Dilute 10:1	Ribonucleic Acid
None	Ribose
None	Rongalist ST Liquid (Discharge for Cellulosics & Silk)
Dilute 10:1	Rose Bengal Dye
None	Safranin O
Dilute 20:1	Salicin
Dilute 20;1	Salicin 99%
Must be neutralized, Dilute 10:1	Salicylic Acid
Dilute 10:1	Saponin
None	Screen Filler No. 60 & No. 66
None	L-Serine
None	Serva Blue G
None	Sigma 104 Phosphatase Substrate

Further Instructions	Chemical – Liquids Only
None	Sodium Acetate
None	Sodium Acetate, Trihydrate
None	Sodium Alginate
None	Sodium Ammonium Phosphate
Dilute 10:1	Sodium Benzoate
None	Sodium Bicarbonate
Must be neutralized, Dilute 10:1	Sodium Bisulfite
Concentrations should be 20% or less. Limit sewer disposal to 10 liters daily per principal investigator.	Sodium Bisulfite (Sodium Metabisulfite)
None	Sodium Borate
None	Sodium Bromide
Must be neutralized, Dilute 10:1	Sodium Carbonate
None	Sodium Chloride
None	Sodium Cholate
None	Sodium Citrate
Dilute 10:1	Sodium Dodecyl Sulfate
None	Sodium Fluoride
Must be neutralized, Dilute 10:1	Sodium Formate
None	Sodium Glucuronate
None	Sodium Hexametaphosphate
Must be neutralized, Dilute 20:1	Sodium Hydroxide
Dilute 10:1	Sodium Iodide
None	Sodium Lactate
Dilute 20:1	Sodium Lauryl Sulfate
None	Sodium Lauryl Sulfate - RNA
Dilute 20:1	Sodium Molybdate
Dilute 10:1	Sodium Phosphate
Dilute 20:1	Sodium Phosphate Dibasic Anhydrous
Dilute 20:1	Sodium Phosphate Monobasic Monohydrate
Dilute 20:1	Sodium Phosphate Tribasic
Dilute 20:1	Sodium Potassium Tartrate
None	Sodium Pyrophosphate
None	Sodium Salicylate
Dilute 10:1	Sodium Sulfate (Anhydrous)
Dilute 20:1	Sodium Tartrate
Dilute 10:1	Sodium Thiosulfate
None	Sodium Thiosulfate, Anhydrous
Dilute 10:1	Sodium Trimetaphosphate
Must be neutralized, Dilute 10:1	Sodium Tungstate
None	Soft K
Dilute 10:1	Sorbitol
Dilute 10:1	D-Sorbitol
Dilute 10:1	Sorbose

Further Instructions	Chemical – Liquids Only
Dilute 5:1	SPOROX Sterilization & Disinfecting Solution
None	Starch
Dilute 20:1	Starch Agar
Dilute 20:1	Stearate
Must be neutralized, Dilute 10:1	Stearic Acid
None	Stencil Remover Liquid #4
Must be neutralized, Dilute 10:1	Strontium Carbonate
Dilute 20:1	Strontium Chloride Hexahydrate
Must be neutralized, Dilute 10:1	Succinic Acid
None	Sucrose
Dilute 20:1	Sulfate
None	Sulfonic Acid (MES)
None	Sulfonic Acid (MOPS)
Must be neutralized, Dilute 20:1	Sulfuric Acid
None	Super Hand Cleaner (Liquid)
None	Superoxide Dismutase
None	SYBR Safe™ DNA gel stain in 0.5X TBE
None	Synthetic Indigo
None	Synthrapol SP
Must be neutralized, Dilute 10:1	Tartaric Acid
None	TES
None	Textile Ink Med Pink 33
Dilute 20:1	Thiamine
None	Thiamine Hydrochloride
None	Thick F
None	Thick SH (Liquid)
None	Thioproline
None	Thiox (Thiourea Dioxide) (Liquid)
Dilute 20:1	Threonine
Dilute 20:1	L-Threonine
None	Thymidine
Dilute 20:1	Thymidine (crystalline)
None	Thymine
Dilute 10:1	Tin Oxide
None	Trans-4-Hydroxy-L-Proline
Dilute 20:1	Trehalose
Dilute 20:1	D(+) Trehalose
Dilute 20:1	Tricine
None	Tricalcium Phosphate
None	Triethanolamine
Dilute 20:1	Triethanolamine Hydrochloride
Dilute 20:1	Triethylene Hydrochloride
None	Triphosphopyridine Nucleotide
None	Tris Hydrochloride

Further Instructions	Chemical – Liquids Only
None	Trisodium Phosphate
Dilute 10:1	Triton X
None	Triton X-114
None	Trizma Base
None	Trizma Hydrochloride
Dilute 20:1	Trypsin (from Bovine pancreas)
None	Tryptic Soy Broth
Dilute 20:1	Tryptone-Bacto
None	Tryptone/Peptone
None	L-Tryptophan
None	Tyrosinase
None	L-Tyrosine
Dilute 20:1	Uracil
Dilute 20:1	Urea
None	Urease
Dilute 20:1	Uridine
None	Valine
None	L-Valine
Dilute 20:1	Vanadyl Sulfate (hydrate)
Must be neutralized, Dilute 10:1	Vanillic Acid
Dilute 10:1	Vanillin
Dilute 20:1	Violet Red-Blue Agar
Dilute 20:1, May not exceed 100 liters in any 24 hour period	VIRKON-S Disinfectant (Active Ingredient: Potassium peroxymonosulfate)
None	Vitamin B12
None	Vitamins
None	WF Bright Orange 233
None	WF Bright Red 351
None	WF Brilliant Blue 490
None	WF Brown 503
None	WF Green 728
None	WF Red (Rhodamine) 370
None	WF Sun Yellow 119
None	WF Violet 818
None	Wool Assiste SBS (Liquid)
Dilute 20:1	Xylan (from Birchwood)
None	Yeast Extract
None	Yeast Nitrogen Base w/o Amino Acids
Dilute 20:1	Zinc Chloride
Dilute 10:1	Zinc Phosphate
Dilute 10:1	Zinc Sulfate