

An aerial photograph of a green maze, with a large circular cutout in the lower half. The maze is composed of many rows of green plants, creating a complex pattern of paths and dead ends. The cutout reveals a different section of the maze, showing a more regular grid-like pattern.

Chemicals

Fisher Science Education
2022 Product Catalog

Featured Suppliers



CORNING



thermo scientific



fisherbrand



Visit fisheredu.com/featuredsuppliers to learn more about these suppliers and their products.

Helpful Icons



New product



Must be shipped by truck for regulatory reasons



Meets Americans with Disabilities Act requirements



Protects against splashes from hazardous chemicals or potentially infectious materials



Applicable for remote learning

Guarantee

If you're not 100% satisfied with your purchase, contact our customer service team within 30 days of your invoice date and we'll either exchange, repair, or replace the product, or give you a credit for the full purchase price. Call us toll-free for a return authorization number.

Special order items, furniture, and closeouts cannot be exchanged or credited.

Phone: 1-800-955-1177 • 7 a.m. to 5:30 p.m.
Central Time, Monday through Friday

Fax: 1-800-955-0740 • 24 hours a day, 7 days a week

Email: fse.custserv@thermofisher.com

Website: fisheredu.com

Address: Fisher Science Education
4500 Turnberry Drive
Hanover Park, IL 60133

For international orders, see page 50.

Products featured in this catalog may have limited availability and extended lead times. Prices are subject to change.

Connect with Us on Social Media



fisheredu.com/facebook



twitter.com/fishersciedu



pinterest.com/fishersciedu

Chemicals

Preparing today's students to be the innovators of tomorrow isn't always easy, but finding the right teaching tools can be. From basic lab supplies to state-of-the-art classroom technology, the Fisher Science Education team has everything you need to create a 21st century STEM learning environment. Visit [fisheredu.com](https://www.fisheredu.com) to get started.

Want to customize aspects of your curriculum?

Explore custom kits to meet the unique demands of your classroom. Visit [fisheredu.com/customkitting](https://www.fisheredu.com/customkitting) to learn more.

Concerned about shipping and handling fees?

We offer \$12 flat-rate shipping on most orders and our hazardous material fee is just \$15 — the lowest in the country.

Looking for Something Else?

Check out our other 2022 catalogs:

- Equipment and furniture
- Lab supplies and consumables
- Life sciences
- Physical science
- Safety
- STEM



Seen from above, green tea plantations look like human fingerprints.

Visit [fisheredu.com/headlinediscoveries](https://www.fisheredu.com/headlinediscoveries) for more articles and information for your classroom.

Chemicals A.....	10-14	Chemicals N-O	31-32
Chemicals B.....	14-16	Chemicals P.....	32-37
Chemicals C	16-22	Chemicals Q-R	37
Chemicals D-E	22-23	Chemicals S.....	37-43
Chemicals F-G.....	23-25	Chemicals T.....	43-45
Chemicals H-K	25-27	Chemicals U-Z.....	45-46
Chemicals L.....	27-28	Miscellaneous Chemicals.....	46
Chemicals M.....	29-31		

Visit [fisheredu.com](https://www.fisheredu.com) to view our full offering of products.

SAFETY PACK LABGLASS SETS



Convenient borosilicate 3.3 glassware sets,
now with protective custom packaging



S81288

Safety Pack LabGlass Sets	
Code	Description
S81288	Safety Pack Premium Glassware Set
S81267	3-Piece Safety Pack Erlenmeyer Flask Set
S27113	3-Piece Safety Pack Beaker Set
S81274	3-Piece Safety Pack Graduated Cylinder Set
S81271	3-Piece Safety Pack Volumetric Flask Set

Need help choosing supplies?

Use this curated list of products to restock your chemistry classroom, and visit [fisheredu.com](https://www.fisheredu.com) to find even more science education products.



Description	Cat. No.	Quantity
Chemicals		
Fisher Science Education™ Hydrochloric Acid, ACS, 12M	S25838	2.5 L
Fisher Science Education Hydrogen Peroxide, 30% Solution	S25360	500 mL
Fisher Science Education Sulfuric Acid, Concentrated, Reagent Grade	S25894	2.5 L
Balances		
Fisher Science Education Portable Balance	S94792C	Each
OHAUS™ Scout™ SKX Portable Balance	S14531	Each
OHAUS™ Triple Beam Balance	S40020	Each
Glassware		
DWK Life Sciences Kimble™ ValueWare™ Narrow-Mouth Erlenmeyer Flasks	S00144	12/Pack
PYREX™ VISTA™ Educational-Grade Cylinders	S95186C	12/Case
Eisco™ Glass Burette with PTFE Key Stopcock	S27992	Each
Volumetric Glassware		
DWK Life Sciences Kimble ValueWare Volumetric Flasks, Class A	S00126	6/Pack
DWK Life Sciences Kimble ValueWare Class A Volumetric Pipets	S00157	12/Pack
DWK Life Sciences Kimble ValueWare Volumetric Flasks, Class A	S00122	6/Pack
Plasticware		
United Scientific Supplies Plastic Graduated Cylinder	S01973	Each
Eisco™ Acrylic Burette	S95180A	Each
Fisher Science Education Polypropylene Beaker Set	S400563B	Pack
Metal Labware		
Eisco™ Chemistry Lab Starter Set	S23713	Each
GSC Go Science Crazy Cast Iron Support Ring Stand	S13746	Each
GSC Go Science Crazy Double Burette Clamp	S13739	Each
Liquid Handling		
Edvotek™ Variable Micropipet	S90243B	Each
Thermo Scientific™ Disposable Transfer Pipets	S304671	500/Pack
Sartorius mLINE™ Pipette Multipacks	S35895	Each
Tubing		
Cloth-Covered Burner Tubing	S491411	Each
Supertek Scientific Rubber Tubing	S09607	3.6 m
Fisherbrand™ Pressure/Vacuum Tubing	S50454	12 ft.
PPE		
Kimberly-Clark Professional™ Kimtech™ Purple Nitrile™ Gloves	S78944	100/Pack
Fisher Scientific™ PVC Aprons	S47382A	Each
Visorgogs™ Goggles	S47619S	Each
Cleaning Supplies		
Glassware Drying Rack	S47855	Each
Fisherbrand™ Sparkleen™ 1 Detergent	S701101	3.25 lb.



There are more reasons than ever to get your chemicals through the Fisher Science Education channel.

User-Friendly Reference Guide | Easy-to-Read Labels | Industry Standard Storage Plan | Comprehensive Online Resources

Classroom-Friendly Options

Purity Grades for Every Application

- Lab (or Educational) Grade — These economical chemicals are of reasonable purity for situations where no official standards for quality or impurity levels are required
- Reagent Grade — The highest quality commercially available for this chemical; the American Chemical Society (ACS) has not officially set any specifications for this material
- ACS Reagent Grade — Chemicals meet or exceed the latest ACS specifications; designed for analytical applications requiring tighter standards

Quantities to Fit Your Requirements

- Range of pack sizes, including smaller quantities to reduce cost and waste

The Fisher Science Education brand is committed to providing you with comprehensive and reliable resources to use when selecting chemicals for your classroom. Each chemical listing includes the following information (where applicable):

1	Ammonium Dichromate		
2	Ammonium Bichromate; (NH ₄) ₂ Cr ₂ O ₇		
3	F.W. 252.06		
4	CAS: 7789-09-5		9
5	Color: Orange to red		
6	Solubility in Water: Soluble		
7	Shelf Life: 1 year		
8	DOT Class 5.1, II: Oxidizer		
10	LAB GRADE - CRYSTAL		
11	S25169*	100g	9.50
11	S25169A*	500g	25.25
11	S25169B*	2kg	101.00
14	*The California Safe Drinking Water and Toxic Enforcement Act of 1986 or Proposition 65 requires products sold in California to include warnings on any chemical or material known to cause cancer or birth defects or other reproductive harm. As of August 2018, Fisher Science Education will display Prop 65 warnings as required by law. For more information, visit p65warnings.ca.gov		





REACTIVE & OXIDIZING

*California - WARNING: Cancer www.P65Warnings.ca.gov
 ** California - WARNING: Reproductive Harm www.P65Warnings.ca.gov
 *** California - WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

- 1 – Chemical Name
- 2 – Synonym(s); Chemical Formula
- 3 – Formula Weight
- 4 – CAS Number
- 5 – Color/Appearance
- 6 – Solubility
- 7 – Shelf Life
- 8 – Department of Transportation (DOT) Classification
- 9 – ChemAlert™ Storage Code
- 10 – Chemical Grade
- 11 – Catalog Number
- 12 – Available Sizes
- 13 – Price
- 14 – Prop 65 Information

Storage Information at a Glance

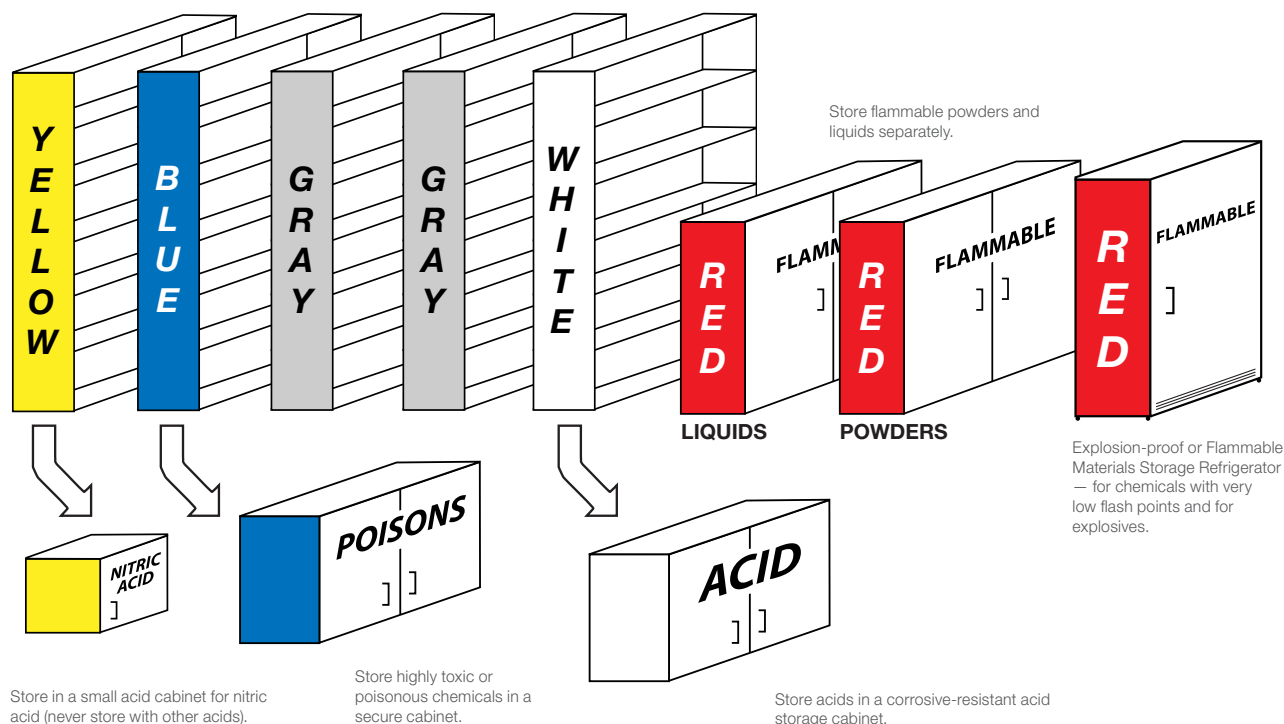
Every Fisher Science Education label features one of five color codes to suggest proper chemical storage.

- 
Red – Flammable
 Store in area segregated for flammable reagents.
- 
Blue – Health Hazard
 Toxic if inhaled, ingested, or absorbed through skin; store in secure area.
- 
Yellow – Reactive and Oxidizing
 May react violently with air, water, or other substances; store away from flammable and combustible materials.
- 
White – Corrosive
 May harm skin, eyes, and mucous membranes; store away from red-, yellow-, and blue-coded reagents. Store acids and bases separately.
- 
Gray – Moderate Hazard
 Presents no more than moderate hazard in any of the hazards previously listed.

IMPORTANT:


- Oxidizers (YELLOW) must be isolated from flammables (RED). It is recommended that all flammables be stored in a dedicated flammables storage cabinet.
- If you store any highly toxic chemicals or severe poisons (BLUE), they should receive special security.
- Avoid any storage on floor or above eye level.
- Storage shelves should have a 3/4 in. lip to help prevent spills.
- Always lock your chemical storage room.

Visit fisheredu.com/chemicals for more safety information and additional resources for your lab.



NOTE: ChemAlert is an instant guide only. It should be supplemented by reading the rest of the label (which provides detailed instructions in the event of accidental exposure, spill, or fire, and applicable OSHA, DOT, and ANSI™ data), the appropriate Safety Data Sheet (SDS) and standard references.

Beginning in June of 2015, the OSHA Globally Harmonized System of Classification and Labeling for Chemicals became the standard on all Fisher Science Education chemical bottles. This new labeling system provides users with a standardized, common approach to classifying chemicals, ensuring that students will find consistent information about the handling and safe use of hazardous chemicals from their first exposure in the classroom, through college, and into their future careers.




1 Ammonium Dichromate

Lab Grade
CODE: S25169


3 Lot #: 4
Expires: 5
Size: 100g
SIGNAL WORD: Danger

6 Proper Shipping Name: Ammonium Dichromate
UN Identification Number: UN1439

8 

12 HAZARD STATEMENT
May intensify fire, oxidizer. Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects. Toxic if swallowed. Harmful in contact with skin. Fatal if inhaled. Causes severe skin burns and eye damage. Causes serious eye damage. May cause an allergic skin reaction. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause genetic defects. May cause cancer. May damage fertility or the unborn child. Causes damage to organs through prolonged or repeated exposure.


10 PRECAUTIONARY STATEMENT
Keep only in original container. Do not breathe mist/vapors/spray. Wash thoroughly after handling. Wear protective gloves and eye protection. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN (OR HAIR): Take off immediately all contaminated clothing. Rinse skin with water/shower. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor. Wash contaminated clothing before reuse. Absorb spillage to prevent material damage. Store locked up. Store in corrosive resistant container with a resistant inner liner. Dispose of contents/container in accordance with local/regional/national/international regulations.

14  **WARNING:** Cancer - www.P65Warnings.ca.gov


13 CONTAINS:
Ammonium Dichromate CAS# 7789-09-5

9 Storage Code Yellow


Flinn 118 – product does not originate from Flinn Scientific, Inc.



SDS



INFO



S25169

1 – Chemical Name	5 – Signal Word	9 – Storage Code	11 – QR code – links to chemical online resources
2 – Catalog Number	6 – Proper Shipping Information	10 – Flinn Compatible Chemical Family Code (used with permission of Flinn Scientific, Inc.)	12 – Safety Information
3 – Lot Number	7 – NFPA Information		13 – Contains
4 – Expiration Date	8 – GHS Pictograms		14 – Prop 65 Information

GHS Pictograms

 Health Hazard Carcinogen Mutagenicity Reproductive Toxicity Respiratory Sensitizer Target Organ Toxicity Aspiration Toxicity	 Flame Flammables Pyrophorics Self-Heating Emits Flammable Gas Self-Reactives Organic Peroxides	 Exclamation Mark Irritant (skin and eye) Skin Sensitizer Acute Toxicity Narcotic Effects Respiratory Tract Irritant Hazardous to Ozone Layer (Non-Mandatory)	 Gas Cylinder Gases Under Pressure	 Corrosion Skin Corrosion / Burns Eye Damage Corrosive to Metals
 Exploding Bomb Explosives Self-Reactives Organic Peroxides	 Flame Over Circles Oxidizers	 Environment Aquatic Toxicity	 Skull and Crossbones Acute Toxicity (fatal or toxic)	

ChemAlert™ Storage Codes

Indicate the recommended method of chemical storage.

Every Fisher Science Education label features one of the five following color codes to indicate storage needs.



Red – Flammable

Store in area segregated for flammable reagents.



Blue – Health Hazard

Toxic if inhaled, ingested, or absorbed through skin; store in secure area.



Yellow – Reactive and Oxidizing

May react violently with air, water, or other substances; store away from flammable and combustible materials.



White – Corrosive

May harm skin, eyes, and mucous membranes; store away from red-, yellow-, and blue-coded reagents. Store acids and bases separately.



Gray – Moderate Hazard

Presents no more than moderate hazard in any of the hazards previously listed.

Dot Classifications

The U.S. Department of Transportation (DOT) publishes transportation regulations covering shipments of materials classified as hazardous within the continental United States and its territories. These regulations, covering packaging, marking, labeling, and shipping paper descriptions, are published in 49 CFR Parts 100-185. Materials are classified according to the system listed below.

DOT Hazard Class /Division	DOT Hazard Description
1	Explosives
2.1	Flammable Gas
2.2	Non-Flammable Gas
2.3	Poison Gas
3	Flammable Liquid
4.1	Flammable Solid
4.2	Spontaneously Combustible
4.3	Dangerous When Wet
5.1	Oxidizer
5.2	Organic Peroxide
6.1	Poison
6.2	Infectious Substance
7	Radioactive
8	Corrosive
9	Miscellaneous

NFPA Hazard Code Ratings

The National Fire Protection Association has developed a numerical rating system that reflects the health, flammability, self-reactivity, and other hazards of materials, including reactivity with water, as specified in NFPA 704, Standard System for the Identification of the Hazards of Materials for Emergency Response. Potential hazards are evaluated based on the degree of hazard, and the numerical rating is placed inside the universal NFPA symbol. (Included on all Fisher Science Education chemical labels.)

NFPA Rating Explanation Guide						
RATING NUMBER	HEALTH HAZARD	FLAMMABILITY HAZARD	INSTABILITY HAZARD	RATING SYMBOL	SPECIAL HAZARD	
4	Can be lethal	Will vaporize and readily burn at normal temperatures	May explode at normal temperatures and pressures	ALK	Alkaline	
				ACID	Acidic	
3	Can cause serious or permanent injury	Can be ignited under almost all ambient temperatures	May explode at high temperature or shock	COR	Corrosive	
				OX	Oxidizing	
2	Can cause temporary incapacitation or residual injury	Must be heated or high ambient temperature to burn	Violent chemical change at high temperatures or pressures	☼	Radioactive	
					W	Reacts violently or explosively with water
1	Can cause significant irritation	Must be preheated before ignition can occur	Normally stable. High temperatures make unstable	W	OX	Reacts violently or explosively with water and oxidizing
					OX	Reacts violently or explosively with water and oxidizing
0	No hazard	Will not burn	Stable			

Restrictions on Sale of Chemicals

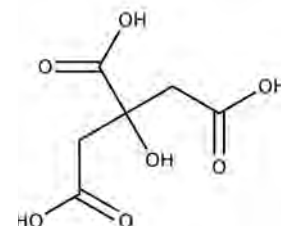
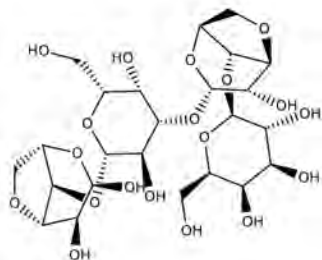
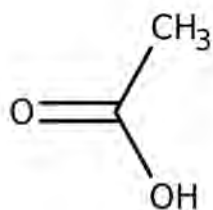
Chemicals can be sold only to institutions, to full-time educators, and to professionals, on purchase order or organization letterhead. We are not permitted to honor student orders.

A hazardous surcharge will be applied to chemicals that are designated hazardous by the U.S. Department of Transportation at the time of shipment. Certificates of analysis are NOT available for the chemicals featured in this catalog.

Fisher Science Education chemicals are intended to be used **for educational purposes only.**

Top Chemicals

Use this curated list of products to restock your classroom, and visit fisheredu.com to find even more science education products.



Description	Quantity	Cat. No.
Fisher Science Education™ Acetic Acid, Glacial	500mL	S25118A
Fisher Science Education Acetone	4L	S25120A
Fisher Science Education Agarose	25g	S25128
Fisher Science Education Albumin, from Eggs	25g	S25132
Fisher Science Education Biuret Reagent	500mL	S25200A
Fisher Science Education Calcium Chloride Di-Hydrate	500g	S25222A
Fisher Science Education Citric Acid, Anhydrous	500g	S25255A
Fisher Science Education Ethyl Alcohol, 95% Denatured with MIBK	500mL	S25310
Fisher Science Education Hydrochloric Acid, ACS, 12M	2.5L	S25838
Fisher Science Education Hexanes	4L	S25352A
Fisher Science Education Hydrogen Peroxide, 30% Solution	500mL	S25360
Fisher Science Education Magnesium Metal (Ribbon/Turnings)	50g	S25397
Fisher Science Education Phenolphthalein Indicator	100g	S25466A
Fisher Science Education Potassium Iodide	500g	S25493B
Fisher Science Education Silver Nitrate	25g	S25525
Fisher Science Education Sodium Bicarbonate	500g	S25533C
Fisher Science Education Corn Starch	500g	S25580
Fisher Science Education White Vinegar	3.8L	S25623A
Fisher Science Education Distilled Water	1gal	S25868
Fisher Science Education Zinc, Metal Pieces	100 pieces	S25644

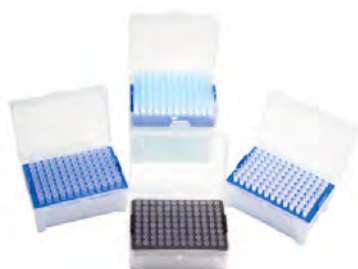
Visit fisheredu.com or contact your Fisher Science Education sales representative to access our full selection of products.

NEW
Featured
Products



Stock Up on Lab Supplies

Find a variety of lab supplies, including pipettes, pipette tips, beakers, and more, from United Scientific.



Description	Cat. No.	Price
United Scientific™ Graduated Disposable Pipettes, 4 mL	S111121	\$42.25
United Scientific Graduated Disposable Pipettes, 4.5 mL	S111122	\$42.25
United Scientific Graduated Disposable Pipettes, 5 mL, Non-Sterile	S111123	\$42.25
United Scientific Graduated Disposable Pipettes, 5 mL, Sterile	S111124	\$53.00
United Scientific Racked Low-Retention Filter Pipette Tips, 10 µL	S111113	\$111.00
United Scientific Racked Low-Retention Filter Pipette Tips, 100 µL	S111114	\$112.00
United Scientific Racked Low-Retention Filter Pipette Tips, 200 µL	S111115	\$113.00
United Scientific Racked Low-Retention Filter Pipette Tips, 1000 µL	S111116	\$115.00
United Scientific Racked Low-Retention Filter Pipette Tips, 1250 µL	S111117	\$116.00
United Scientific Prepared Microscope Slides, Set of 20	S111015	\$43.25
United Scientific Borosilicate Glass Low-Form Beakers, 400 mL	S111049	\$50.25
United Scientific Borosilicate Glass Low-Form Beakers, 500 mL	S111050	\$25.75
United Scientific Borosilicate Glass Low-Form Beakers, 600 mL	S111051	\$36.50
United Scientific Polypropylene Graduated Cylinders, Set of 7	S111083	\$37.50
United Scientific Polypropylene Graduated Cylinders, Set of 5	S111084	\$13.00
United Scientific Borosilicate Glass Filtering Flask	S111100	\$19.25



Prepare for Experiments

Measure liquids using premium glassware and learn about distillation with an oil extraction apparatus.



Description	Cat. No.	Price
Eisco™ Safety Pack Premium Glassware Set	S81288	\$48.50
Eisco™ Premium Glass Tubing Cutter	S100910	\$22.00
Eisco Essential Oils Extraction Apparatus	S83778	\$247.00
Eisco Class A Glass Graduated Cylinders, Squat Form	S15031	\$12.25

Acacia

Gum Arabic

CAS: 9000-01-5

Color: White to Yellow

Solubility in Water: Soluble

Shelf Life: 5 years

MODERATE HAZARD

SOLID

S25114 100g 12.75

AcetamideAcetic Acid Amide; CH₃CONH₂

F.W. 59.06

CAS: 60-35-5

Color: White

Solubility in Water: Soluble

Shelf Life: 2 years

MODERATE HAZARD

CRYSTALS

S25116* 100g 15.25

AcetanilideN-Phenylacetamide; CH₃CONHC₆H₅

F.W. 135.17

CAS: 103-84-4

Color: White

Solubility in Water: Slightly soluble

Shelf Life: 5 years

MODERATE HAZARD

GLISTENING CRYSTALS

S25117A 50g 24.75

S25117 100g 36.75

Acetic Acid Solution

Color: Clear

Solubility in Water: Soluble in water

DOT Class 8, III: Corrosive

CORROSIVE

6M

S25840B 1L 16.50

MODERATE HAZARD

0.1M

S25840 1L 15.75

1.0M

S25840A 1L 15.75

Acetic Acid, GlacialCH₃CO₂H

F.W. 60.05

CAS: 64-19-7

Color: Clear

Solubility in Water: Soluble in water

Shelf Life: 5 years

DOT Class 8 (3), II: Corrosive

FLAMMABLE

ACS GRADE

S25118B 500mL 18.75

S25118 2.5L 63.75

ACS GRADE, SAFE-COTE

S25118A 500mL 18.50

Acetic AnhydrideAcetic Oxide; (CH₃CO)₂O

F.W. 102.09

CAS: 108-24-7

Color: Clear

Solubility in Water: Soluble in water

Shelf Life: 5 years

DOT Class 8 (3), II: Corrosive

FLAMMABLE

LAB GRADE

S25119 100mL 11.00

REAGENT GRADE

S25119A 500mL 31.25

Acetone2-Propanone; Propanone CH₃COCH₃

F.W. 58.08

CAS: 67-64-1

Color: Clear

Solubility in Water: Soluble in water

Shelf Life: 5 years

DOT Class 3, II: Flammable Liquid

FLAMMABLE

ACS GRADE

S25120 500mL 15.25

S25120A 4L 35.25

HISTOLOGY GRADE

S25904 4L 36.50

REAGENT GRADE

S25120B 500mL 10.50

S25120C 20L 155.00

Aceto-Orcein Solution, 2%

Color: Violet

Solubility in Water: Soluble in water

Shelf Life: 2 years

DOT Class 8, III: Corrosive

CORROSIVE

2%

S25121 30mL 14.25

S25121A 100mL 37.25

Acetylcholine Chloride Solution, 0.01%

Color: Clear, colorless

Solubility in Water: Soluble

Shelf Life: 2 years

MODERATE HAZARD

0.01%

S25652 100mL 8.65

Acetylsalicylic AcidAspirin; 2-(CH₃CO₂)C₆H₄CO₂H

F.W. 180.16

CAS: 50-78-2

Color: White

Solubility in Water: Soluble

Shelf Life: 2 years

DOT Class 6.1, III: Poison

HEALTH HAZARD

LAB GRADE

S25122** 100g 11.25

Adenosine Triphosphate (ATP)ATP; C₁₀H₁₄N₆O₁₃P₃Na₂·3H₂O

F.W. 551.18

CAS: 987-65-5

Color: White solid

Shelf Life: 5 years

MODERATE HAZARD

SOLID

S25123 1g 28.75

Adipic Acid1,4-Butanedicarboxylic Acid; HO₂C(CH₂)₄CO₂H

F.W. 146.14

CAS: 124-04-9

Color: White powder

Solubility in Water: Insoluble

Shelf Life: 2 years

MODERATE HAZARD

POWDER

S25124 500g 13.75

Adipoyl Chloride, Hexane Solution

Dipryl

Color: Clear, colorless

Solubility in Water: Insoluble

Shelf Life: One year

DOT Class 3 (8), II: Flammable Liquid

FLAMMABLE

SOLUTION

S25125 100mL 21.25

S25125A 250mL 42.50

L-Adrenaline Solution, 0.01%Epinephrine; C₉H₉NO₃

Color: Clear, colorless

Solubility in Water: Soluble

Shelf Life: 18 months

MODERATE HAZARD

0.1%

S25126 100mL 6.20

Agar, Bacteriological

Gelose

CAS: 9002-18-0

Color: Light beige

Solubility in Water: Soluble in hot water

Shelf Life: 2 years

MODERATE HAZARD

SOLID

S25127 100g 21.00

S25127A 500g 63.25

Agarose

Powder

CAS: 9012-36-6

Color: Yellow-brown to orange-yellow

Shelf Life: 2 years

MODERATE HAZARD

POWDER

S25128A 5g 22.25

S25128 25g 55.50

Chemicals are educational grade and are intended for teaching use only.
Not approved for clinical use.



* California - WARNING: Cancer www.P65Warnings.ca.gov

** California - WARNING: Reproductive Harm www.P65Warnings.ca.gov

*** California - WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

Aluminum Potassium Sulfate, DodecahydrateAlum; $\text{AlK}(\text{SO}_4)_2 \cdot 12\text{H}_2\text{O}$

F.W. 474.3558

CAS: 7784-24-9

Color: White

Solubility in Water: Partially Soluble

Shelf Life: 5 years

MODERATE HAZARD

LAB GRADE - POWDER

S25152	30g	5.45
S25152D	500g	9.75
S25152C	2kg	28.25

REAGENT GRADE - POWDER

S25152B	500g	19.75
---------	------	-------

Aluminum Sodium Sulfate, Dodecahydrate $\text{AlNa}(\text{SO}_4)_2$

F.W. 458.29

CAS: 10102-71-3

Color: Clear, colorless

Solubility in Water: Soluble in water

Shelf Life: 5 years

MODERATE HAZARD

LAB GRADE - CRYSTALS

S25136	500g	16.50
--------	------	-------

Aluminum Sulfate Solution, 0.1M

Color: Clear

Solubility in Water: Infinite

MODERATE HAZARD

0.1M

S25841	500mL	7.35
--------	-------	------

Aluminum Sulfate, Hydrate $\text{Al}_2(\text{SO}_4)_3 \cdot 18\text{H}_2\text{O}$

F.W. 666.42

CAS: 7784-31-8

Color: Solid

Solubility in Water: Infinite

Shelf Life: 5 years

MODERATE HAZARD

LAB GRADE

S25137	500g	10.75
S25137A	2kg	25.00

Ammonia Solution

Ammonium hydrate

Color: Colorless

Solubility in Water: Soluble

Shelf Life: 5 years

MODERATE HAZARD

SOLUTION

S25164	500mL	8.65
S25164A	1L	8.30
S25164B	1 gal.	12.50

Ammonium AcetateAcetic Acid, Ammonium Salt; $\text{NH}_4\text{C}_2\text{H}_3\text{O}_2$

F.W. 77.08

CAS: 631-61-8

Color: White

Solubility in Water: Soluble in cold water

Shelf Life: 2 years

MODERATE HAZARD

REAGENT GRADE

S25165*	500g	28.50
---------	------	-------

Ammonium Carbonate $(\text{NH}_4)_2\text{CO}_3$

F.W. 96.07

CAS: 506-87-6

Color: Colorless/White

Solubility in Water: Soluble

Shelf Life: 5 years

MODERATE HAZARD

LAB GRADE - CHIPS

S25166	100g	11.75
--------	------	-------

LAB GRADE - LUMPS

S25166A	500g	27.50
---------	------	-------

LAB GRADE - POWDER

S25167	500g	17.75
--------	------	-------

Ammonium ChlorideSal Ammoniac; NH_4Cl

F.W. 53.49

CAS: 12125-02-9

Color: White

Solubility in Water: Partly Soluble

Shelf Life: 5 years

MODERATE HAZARD

LAB GRADE

S25168B	500g	8.30
S25168C	2kg	21.50

REAGENT GRADE

S25168	100g	6.90
S25168A	500g	14.25

Ammonium Chloride Solution, 1M

Color: Clear

Solubility in Water: Infinite

MODERATE HAZARD

1M

S25842	500mL	8.50
--------	-------	------

Ammonium DichromateAmmonium Bichromate; $(\text{NH}_4)_2\text{Cr}_2\text{O}_7$

F.W. 252.06

CAS: 7789-09-5

Color: Orange to red

Solubility in Water: Soluble

Shelf Life: 1 year

DOT Class 5.1, II: Oxidizer

REACTIVE & OXIDIZING

LAB GRADE - CRYSTAL

S25169*	100g	8.20
S25169A*	500g	26.25
S25169B*	2kg	44.50

Ammonium Hydroxide Solution, 1MAmmonium Hydrate; NH_4OH

F.W. 35.04

CAS: 1336-21-6

Color: Clear, colorless

Solubility in Water: Infinite

Shelf Life: 5 years

DOT Class 8, III: Corrosive

CORROSIVE

REAGENT GRADE - SAFE-COTE

S25159	500mL	15.25
--------	-------	-------

REAGENT GRADE

S25159A	2.5L	47.50
---------	------	-------

Ammonium Hydroxide Solution, 0.1M

Color: Clear

Solubility in Water: Infinite

MODERATE HAZARD

0.1M

S25843	1L	12.75
--------	----	-------

Ammonium Hydroxide Solution, 1MAmmonium Hydrate; NH_4OH

F.W. 35.04

Color: Clear, colorless

Solubility in Water: Infinite

Shelf Life: 2 years

DOT Class 8, III: Corrosive

CORROSIVE

1M

S25170	500mL	7.75
--------	-------	------

Ammonium Hydroxide Solution, 3M

Color: Clear

Solubility in Water: Infinite

CORROSIVE

DOT Class 8, III: Corrosive

3M

S25844	500mL	7.75
--------	-------	------

Ammonium Molybdate, TetrahydrateAmmonium Heptamolybdate Tetrahydrate; $(\text{NH}_4)_6\text{Mo}_7\text{O}_{24} \cdot 4\text{H}_2\text{O}$

F.W. 1235.86

CAS: 12027-67-7

Color: White

Solubility in Water: Soluble in water

Shelf Life: 5 years

MODERATE HAZARD

ACS GRADE

S25171	100g	31.75
--------	------	-------

Chemicals are educational grade and are intended for teaching use only.
Not approved for clinical use.

* California - WARNING: Cancer www.P65Warnings.ca.gov** California - WARNING: Reproductive Harm www.P65Warnings.ca.gov*** California - WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

Ammonium NitrateNitric Acid Ammonium Salt; NH_4NO_3

F.W. 80.04

CAS: 6484-52-2

Color: White

Shelf Life: 2 years

DOT Class 5.1, III: Oxidizer

Explosive under high temperatures

REACTIVE & OXIDIZING

ACS GRADE		
S25172	500g	22.25
LAB GRADE		
S25173	100g	7.60
S25160	500g	12.50

Ammonium Oxalate, MonohydrateOxalic Acid; $(\text{NH}_4)_2\text{C}_2\text{O}_4 \cdot \text{H}_2\text{O}$

F.W. 142.11

CAS: 6009-70-7

Color: White

Solubility in Water: Soluble

Shelf Life: 5 years

DOT Class 6.1, III: Poison

HEALTH HAZARD

LAB GRADE - CRYSTAL		
S25174	100g	16.25
S25174A	500g	42.00

Ammonium PersulfateAmmonium Peroxydisulfate; $(\text{NH}_4)_2\text{S}_2\text{O}_8$

F.W. 228.19

CAS: 7727-54-0

Color: White

Solubility in Water: Soluble in water

Shelf Life: 5 years

DOT Class 5.1, III: Oxidizer

REACTIVE & OXIDIZING

POWDER		
S25178	100g	9.30

Ammonium Phosphate, DibasicDiammonium Hydrogen Phosphate; $(\text{NH}_4)_2\text{HPO}_4$

F.W. 132.06

CAS: 7783-28-0

Color: White

Solubility in Water: Soluble

Shelf Life: 5 years

MODERATE HAZARD

REAGENT GRADE		
S25175A	100g	9.10

Ammonium Phosphate, MonobasicAmmonium dihydrogen phosphate; $\text{NH}_4\text{H}_2\text{PO}_4$

F.W. 115.03

CAS: 7722-76-1

Color: White

Solubility in Water: Soluble in water

Shelf Life: 5 years

MODERATE HAZARD

LAB GRADE - POWDER		
S25153A	500g	24.00

Ammonium SulfateDiammonium Sulfate; $(\text{NH}_4)_2\text{SO}_4$

F.W. 132.14

CAS: 7783-20-2

Color: White

Solubility in Water: Soluble in water

Shelf Life: 5 years

MODERATE HAZARD

REAGENT GRADE		
S25176	100g	6.50
S25176A	500g	14.50

Ammonium ThiocyanateAmmonium Sulfocyanate; NH_4SCN

F.W. 76.12

CAS: 1762-95-4

Color: White

Solubility in Water: Freely soluble

Shelf Life: 5 years

DOT Class 9, III: Miscellaneous

HEALTH HAZARD

LAB GRADE - CRYSTALLINE POWDER		
S25158	500g	34.50
REAGENT GRADE - CRYSTALLINE POWDER		
S25177	100g	13.00
S25154	500g	34.50

n-Amyl Alcoholn-Pentanol; $\text{CH}_3(\text{CH}_2)_4\text{OH}$

F.W. 88.15

CAS: 71-41-0

Color: Clear, colorless

Solubility in Water: Slightly soluble

Shelf Life: 5 years

DOT Class 3, III: Flammable Liquid

FLAMMABLE

SOLUTION		
S25181	500mL	23.50

 α -Amylase

alpha-Amylase

CAS: 9000-90-2

Color: White-yellow

Shelf Life: 5 years

MODERATE HAZARD

S25135A	5g	9.85
S25135B	10g	16.25
S25135	25g	20.50

Aniline $\text{C}_6\text{H}_5\text{NH}_2$

F.W. 93.13

CAS: 62-53-3

Color: Light yellow

Solubility in Water: Slightly

Shelf Life: One year

DOT Class 6.1, II: Poison

HEALTH HAZARD

SOLUTION		
S25179*	100mL	24.00

Antacid, Effervescent

CAS: 471-34-1

Shelf Life: 2 years

MODERATE HAZARD

TABLET		
S25180	24 Pk	18.00

Antimony

Stibium; Sb

F.W. 121.75

CAS: 7440-36-0

Color: Silver white

Solubility in Water: Insoluble in water

Shelf Life: 5 years

MODERATE HAZARD

SOLID		
S25182	25g	9.30

Antimony, TrichlorideAntimony (III) Chloride; SbCl_3

F.W. 228.11

CAS: 10025-91-9

Color: Colorless

Solubility in Water: Soluble

Shelf Life: 1 year

DOT Class 8, II: Corrosive

CORROSIVE

CRYSTALS		
S25183	100g	13.00

D-Arabinose $\text{C}_5\text{H}_{10}\text{O}_5$

F.W. 150.13

CAS: 28697-53-2

Color: White

Solubility in Water: Soluble

Shelf Life: 5 years

MODERATE HAZARD

SOLID		
S25650	25g	82.00

L-Arabinose $\text{C}_5\text{H}_{10}\text{O}_5$

F.W. 150.13

CAS: 5328-37-0

Color: White

Solubility in Water: Soluble

Shelf Life: 5 years

MODERATE HAZARD

POWDER		
S25651	25g	153.00

Ascorbic AcidL-Ascorbic Acid; $\text{C}_6\text{H}_8\text{O}_6$

F.W. 176.13

CAS: 50-81-7

Color: White to yellow

Solubility in Water: Soluble

Shelf Life: 2 years

MODERATE HAZARD

REAGENT GRADE - POWDER CRYSTALS		
S25184	100g	15.50

* California - WARNING: Cancer www.P65Warnings.ca.gov** California - WARNING: Reproductive Harm www.P65Warnings.ca.gov*** California - WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

L-AsparagineAspartic Acid; C₄H₈N₂O₃·H₂O

F.W. 150.14

CAS: 5794-13-8

Color: White

Solubility in Water: Soluble

Shelf Life: 5 years

MODERATE HAZARD

POWDER

S25653 25g 26.50

Baking Powder

Color: White

Shelf Life: 5 years

MODERATE HAZARD

POWDER

S25185 100g 4.30

Barium CarbonateBarium Dichloride; BaCO₃

F.W. 197.37

CAS: 513-77-9

Color: White

Solubility in Water: Water insoluble

Shelf Life: 5 years

DOT Class 6.1, III: Poison

HEALTH HAZARD

POWDER

S25186 100g 22.50

Barium Chloride, DihydrateBarium Dichloride; BaCl₂·2H₂O

F.W. 244.28

CAS: 10326-27-9

Color: White

Solubility in Water: Soluble in water

Shelf Life: 5 years

DOT Class 6.1, III: Poison

HEALTH HAZARD

REAGENT GRADE

S25187 500g 26.25

S25187A 2kg 62.00

Barium Hydroxide, OctahydrateBa(OH)₂·8H₂O

F.W. 315.48

CAS: 12230-71-6

Color: White

Shelf Life: One year

DOT Class 8, III: Corrosive

CORROSIVE

LAB GRADE

S25189 500g 29.50

REAGENT GRADE

S25188 100g 12.50

S25188A 500g 29.50

Barium NitrateBarium Dinitrate; Ba(NO₃)₂

F.W. 261.34

CAS: 10022-31-8

Color: White

Solubility in Water: Moderate

Shelf Life: 5 years

DOT Class 5.1, II: Oxidizer

REACTIVE & OXIDIZING

LAB GRADE

S25190A 500g 13.75

REAGENT GRADE

S25190 100g 8.25

S25190B 500g 21.50

Barium Nitrate Solution, 0.1M

Color: Clear

Solubility in Water: Soluble in water

MODERATE HAZARD

0.1M

S25845 500mL 5.65

Barium SulfateArtificial Barite; BaSO₄

F.W. 233.40

CAS: 7727-43-7

Color: White to yellow

Solubility in Water: Insoluble

Shelf Life: 5 years

MODERATE HAZARD

LAB GRADE

S25191A 500g 16.50

Beef Extract

CAS: 68990-09-0

Color: Brown/black

Solubility in Water: Soluble

Shelf Life: 2 years

MODERATE HAZARD

POWDER

S25661 25g 14.50

S25661A 100g 30.50

Beeswax

CAS: 8012-89-3

Color: White to yellow

Solubility in Water: Insoluble

Shelf Life: 5 years

MODERATE HAZARD

SOLID

S25192 100g 14.25

S25192A 500g 31.25

Benedict's Solution, Qualitative

Color: Clear blue

Shelf Life: 2 years

MODERATE HAZARD

SOLUTION

S25193 500mL 6.70

S25193A 1L 12.25

S25193B 3.8L 39.25

Benedict's Solution, Quantitative

Color: Clear

Solubility in Water: Completely soluble

Shelf Life: 2 years

MODERATE HAZARD

SOLUTION

S25194 1L 22.25

S25194A 3.8L 51.50

Benzoic AcidBenzenemethanoic Acid; C₆H₅COOH

F.W. 122.12

CAS: 65-85-0

Color: White

Solubility in Water: Soluble

Shelf Life: 5 years

MODERATE HAZARD

LAB GRADE - POWDER

S25195 500g 17.75

BenzophenoneDiphenyl Ketone; (C₆H₅)₂CO

F.W. 182.22

CAS: 119-61-9

Color: White

Solubility in Water: Insoluble in water

Shelf Life: 2 years

DOT Class 9, III: Miscellaneous

HEALTH HAZARD

SOLID

S25664* 10g 10.75

S25664B* 100g 23.50

Benzoyl PeroxideBenzoic Acid Peroxide; (C₆H₅CO)₂O₂

F.W. 242.23

CAS: 94-36-0

Color: White

Solubility in Water: Slightly in water

Shelf Life: 2 years

DOT Class 5.2, II: Organic Peroxide

REACTIVE & OXIDIZING

POWDER

S25672 25g 28.75

Benzyl AlcoholBenzenemethanol; C₆H₅CH₂OH

F.W. 108.14

CAS: 100-51-6

Color: Clear Colorless

Solubility in Water: Slightly soluble

Shelf Life: 2 years

MODERATE HAZARD

SOLUTION

S25666 100mL 17.00

S25666A 500mL 57.25

Chemicals are educational grade and are intended for teaching use only.
Not approved for clinical use.



* California - WARNING: Cancer www.P65Warnings.ca.gov

** California - WARNING: Reproductive Harm www.P65Warnings.ca.gov

*** California - WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

Bile Salts

Ox Bile
Color: Yellow-green **MODERATE HAZARD**
Solubility in Water: Soluble in water
Shelf Life: 2 years

SOLID

S25196	25g	13.75
---------------	-----	-------

Bismuth

Bi
F.W. 208.98 **MODERATE HAZARD**
CAS: 7440-69-9
Color: Silver/white or red
Solubility in Water: Insoluble in water
Shelf Life: 5 years

SOLID

S25197A	100g	29.75
----------------	------	-------

Bismuth Nitrate

Bismuth (III) Nitrate, Pentahydrate; Bi(NO₃)₃·5H₂O
F.W. 485.11 **REACTIVE & OXIDIZING**
CAS: 10035-06-0
Color: White
Shelf Life: One year
DOT Class 5.1, II: Oxidizer

LAB GRADE - CRYSTALS

S25198A	25g	26.00
S25198B	100g	47.75

Biuret

Imidodicarbonic Diamide; NH₂CONHCONH₂
F.W. 103.08 **MODERATE HAZARD**
CAS: 108-19-0
Color: White
Solubility in Water: Soluble
Shelf Life: 2 years

SOLID

S25199	50g	13.75
---------------	-----	-------

Biuret Reagent

Color: Clear blue
Solubility in Water: Infinite **CORROSIVE**
Shelf Life: 2 years
DOT Class 8, III: Corrosive
 For protein test

SOLUTION

S25200	100mL	2.35
S25200A	500mL	7.50
S25200B	1L	11.25

Boiling Chips, Marble

Limestone
F.W. 100.09 **MODERATE HAZARD**
CAS: 471-34-1
Color: Gray to tan
Solubility in Water: Insoluble
Shelf Life: 5 years

SOLID

S25201	100g	4.50
S25201A	500g	6.50
S25201C	2kg	12.75

Boiling Chips, Marble

Limestone
F.W. 1.9 **MODERATE HAZARD**
CAS: 480-40-0
Color: Gray to tan
Solubility in Water: Insoluble
Shelf Life: 5 years

SOLID

S25201B	500g	4.30
----------------	------	------

Boric Acid

Boracic Acid; H₃BO₃
F.W. 61.83 **MODERATE HAZARD**
CAS: 10043-35-3
Color: White
Solubility in Water: Partly soluble in water
Shelf Life: 5 years

LAB GRADE

S25202	100g	13.25
---------------	------	-------

REAGENT GRADE

S25202A	100g	8.25
S25202B	500g	20.00

Brass Shot

Color: Yellowish **MODERATE HAZARD**
Shelf Life: 5 years

METAL

S25663	100g	16.00
---------------	------	-------

Brewer's Yeast

CAS: 68876-77-7
Color: Yellow-white to yellow-orange **MODERATE HAZARD**
Solubility in Water: 20% in water
Shelf Life: 2 years

SOLID

S25631	100g	20.50
---------------	------	-------

Brilliant Cresyl Blue Staining Solution

Brilliant Blue G
Color: Clear blue **MODERATE HAZARD**
Solubility in Water: Soluble
Shelf Life: 18 months

SOLUTION

S25668	100mL	20.25
---------------	-------	-------

Brilliant Green

Malachite Green G
F.W. 482.64 **MODERATE HAZARD**
CAS: 633-03-4
Color: Green
Solubility in Water: Moderately soluble in water
Shelf Life: 5 years

SOLID

S25670	10g	19.25
---------------	-----	-------

Bromocresol Green Solution

BCG
Color: Green **MODERATE HAZARD**
Solubility in Water: Infinite
Shelf Life: 18 months

0.04% W/V SOLUTION

S25846	100mL	4.15
S25205	500mL	16.50

Bromocresol Purple Indicator Solution, 0.04%

Color: Red **MODERATE HAZARD**
Solubility in Water: Infinite
Shelf Life: 18 months

0.04%

S25847	100mL	3.90
---------------	-------	------

Bromine Water

Color: Clear, orange **CORROSIVE**
Solubility in Water: Soluble
Shelf Life: 5 years
DOT Class 8(6.1), I: Corrosive

SOLUTION

S25203	500mL	99.00
---------------	-------	-------

Bromobenzene

Bromobenzol; C₆H₅Br
F.W. 157.01 **FLAMMABLE**
CAS: 108-86-1
Color: Clear Colorless
Solubility in Water: Insoluble
Shelf Life: 5 years
DOT Class 3, III: Flammable Liquid

SOLUTION

S25665	50mL	22.50
S25665A	100mL	41.75

Bromocresol Green

BCG; C₂₁H₁₃Br₃NaO₃S
F.W. 720.00 **MODERATE HAZARD**
CAS: 62625-32-5
Color: Brown
Solubility in Water: Soluble in water
Shelf Life: 5 years

SOLID

S25204	5g	37.25
---------------	----	-------

Bromothymol Blue Solution, 0.04%

Color: Dark Green **MODERATE HAZARD**
Solubility in Water: Infinite
Shelf Life: 18 months

0.04%

S25207	10mL	4.90
S25207A	100mL	5.45
S25207B	500mL	7.25
S25207C	1L	8.50

Bromothymol Blue, Sodium SaltC₂₇H₂₇Br₂O₃Na

F.W. 646.04

CAS: 34722-90-2

Color: Orange to black

Solubility in Water: Infinite

Shelf Life: 5 years

MODERATE HAZARD

REAGENT GRADE

S25206	5g	23.00
S25206A	10g	28.00

Bromphenol Blue Indicator Solution, 0.04%

Color: Dark Red-Purple

Solubility in Water: Infinite

MODERATE HAZARD

0.04%

S25848	100mL	3.90
--------	-------	------

1-ButanolN-Butyl Alcohol; CH₃(CH₂)₂CH₂OH

F.W. 74.12

CAS: 71-36-3

Color: Clear, colorless

Solubility in Water: Moderate

Shelf Life: 2 years

DOT Class 3, III: *Flammable Liquid*

FLAMMABLE

REAGENT GRADE

S25209	100mL	10.25
S25209A	500mL	17.50
S25209B	4L	67.25

tert-Butanol2-Methyl-2-Propanol; (CH₃)₃COH

F.W. 74.12

CAS: 75-65-0

Color: Clear, Colorless

Shelf Life: 2 years

DOT Class 3, II: *Flammable Liquid*

FLAMMABLE

LIQUID

S25210A	100mL	9.45
S25210B	500mL	24.25

tert-Butyl Chloride(CH₃)₃CCl

F.W. 92.57

CAS: 507-20-0

Color: Clear, Colorless

Shelf Life: 5 years

DOT Class 2, III: *Flammable Liquid*

FLAMMABLE

LIQUID

S25672A	25mL	28.25
---------	------	-------

Sec-Butyl Alcohol2-Butanol; CH₃CHOHCH₂CH₃

F.W. 74.12

CAS: 78-92-2

Color: Clear, colorless

Solubility in Water: Soluble

Shelf Life: 2 years

DOT Class 3, III: *Flammable Liquid*

FLAMMABLE

SOLUTION

S25662	100mL	8.05
S25662A	500mL	16.50

Butylated Hydroxy TolueneBHT; ((CH₃)₃C)₂CH₂C₆H₄OH

F.W. 220.35

CAS: 128-37-0

Color: White to semi-transparent

Solubility in Water: Insoluble in water

Shelf Life: 2 years

DOT Class 9, III: *Miscellaneous*

HEALTH HAZARD

GRANULES

S25212A	100g	15.25
S25212	500g	30.50

Butyric AcidN-Butanoic Acid; CH₃CH₂CH₂COOH

F.W. 88.11

CAS: 107-92-6

Color: Clear, colorless

Solubility in Water: Miscible with almost all common organics

Shelf Life: 5 years

DOT Class 8, III: *Corrosive*

CORROSIVE

LAB GRADE

S25211	100mL	19.50
S25211A	500mL	41.00

Cadmium Nitrate, TetrahydrateCd(NO₃)₂·4H₂O

F.W. 308.49

CAS: 10022-68-1

Color: White

Solubility in Water: Soluble

Shelf Life: 5 years

DOT Class 5.1, II: *Oxidizer*

REACTIVE & OXIDIZING

SOLID

S25214***	25g	13.75
S25214A***	100g	20.25

CaffeineAlkaloid; C₈H₁₀N₄O₂

F.W. 194.19

CAS: 58-08-2

Color: White

Solubility in Water: Slightly soluble in water

Shelf Life: 2 years

DOT Class 6.1, III: *Poison*

HEALTH HAZARD

LAB GRADE

S25215	25g	11.25
S25215A	100g	29.00

Calcium

Calcicat; Ca

F.W. 40.08

CAS: 7440-70-2

Color: Silver white

Solubility in Water: Reacts with water

Shelf Life: 2 years

DOT Class 4.3, II: *Dangerous When Wet*

Reacts with water or moisture

FLAMMABLE

REAGENT GRADE - GRANULAR

S25216	25g	16.25
S25216A	500g	78.00

REAGENT GRADE - TURNINGS

S25217	25g	17.00
S25217A	100g	22.25
S25217B	500g	70.75

Calcium Acetate, MonohydrateCalcium Ethanoate; Ca(C₂H₃O₂)₂·H₂O

F.W. 176.13

CAS: 5743-26-0

Color: White

Solubility in Water: Soluble

Shelf Life: 1 year

MODERATE HAZARD

LAB GRADE

S25218	100g	7.15
S25218A	500g	15.50

Calcium CarbideCaC₂

F.W. 64.08

CAS: 75-20-7

Color: Black-gray

Solubility in Water: Insoluble

Shelf Life: 1 year

DOT Class 4.3, II: *Dangerous When Wet*

Reacts with water or moisture

FLAMMABLE

LAB GRADE

S25219	100g	10.00
S25219A	500g	18.50

Chemicals are educational grade and are intended for teaching use only.
Not approved for clinical use.



Calcium Carbonate

CaCO₃
F.W. 100.09
CAS: 471-34-1
Color: White
Solubility in Water: Slightly
Shelf Life: 5 years

MODERATE HAZARD

NATURAL CHALK - SOLID		
S25220B	500g	10.50
REAGENT GRADE - SOLID		
S25220	100g	7.60
S25220A	500g	11.25
S25220C	2.5kg	23.00

Calcium Chloride, Anhydrous

Dowflake; CaCl₂
F.W. 110.99
CAS: 10043-52-4
Color: Beige
Solubility in Water: Soluble in water
Shelf Life: 1 year

MODERATE HAZARD

SOLID		
S25223	500g	7.75
S25223A	2kg	17.50

Calcium Chloride, Dihydrate

CaCl₂·2H₂O
F.W. 147.02
CAS: 10035-04-8
Color: White
Solubility in Water: Soluble
Shelf Life: 1 year

MODERATE HAZARD

LAB GRADE - FLAKES		
S25221	100g	1.85
S25221A	500g	6.05
LAB GRADE - POWDER		
S25222	100g	8.90
REAGENT GRADE		
S25222A	500g	21.75

Calcium Hydroxide

Slaked lime; Ca(OH)₂
F.W. 74.09
CAS: 1305-62-0
Color: Off-white
Solubility in Water: Slightly soluble
Shelf Life: 1 year
DOT Class 8, III: Corrosive

CORROSIVE

LAB GRADE		
S25225	500g	9.95
S25225A	1.5kg	18.00
REAGENT GRADE		
S25224	500g	16.00

Calcium Nitrate, Tetrahydrate

Nitric Acid, Calcium Salt, Tetrahydrate; Ca(NO₃)₂·4H₂O
F.W. 236.16
CAS: 13477-34-4
Color: White
Solubility in Water: Soluble
Shelf Life: 1 year
DOT Class 5.1, III: Oxidizer

REACTIVE & OXIDIZING

REAGENT GRADE		
S25226	100g	9.95
S25226A	500g	18.75

Calcium Oxide

Quicklime; CaO
F.W. 56.08
CAS: 1305-78-8
Color: White to yellow-very slightly beige
Solubility in Water: Reacts with water
Shelf Life: 12 months
DOT Class 8, III: Corrosive

CORROSIVE

LAB GRADE - POWDER		
S25227	100g	7.15
S25227A	500g	19.50

Calcium Phosphate Monobasic, Monohydrate

Ca(H₂PO₄)₂·H₂O
F.W. 252.07
CAS: 10031-30-8
Color: Colorless
Solubility in Water: Partially soluble
Shelf Life: 2 years

MODERATE HAZARD

SOLID		
S25228	100g	11.25

Calcium Sulfate, Dihydrate

Calcium (II) Sulfate; CaSO₄·2H₂O
F.W. 172.17
CAS: 10101-41-4
Color: White
Shelf Life: 5 years

MODERATE HAZARD

REAGENT GRADE - POWDER		
S25230	100g	14.50
S25230A	500g	26.75

Calcium Sulfate, Hemihydrate

Plaster of Paris; CaSO₄·1/2H₂O
F.W. 145.15
CAS: 10034-76-1
Color: White with a blue, gray or red hue
Solubility in Water: 0.2% in water
Shelf Life: 5 years

MODERATE HAZARD

SOLID		
S25231	500g	6.85
S25231A	2.5kg	18.25

Calmagite

C₁₇H₁₄N₂O₅S
F.W. 358.38
CAS: 3147-14-6
Color: Black
Solubility in Water: Soluble
Shelf Life: 2 years
DOT Class 8, III: Corrosive

CORROSIVE

SOLID		
S25674	5g	33.00

Camphor

2-Bornanone; C₁₀H₁₆O
F.W. 152.25
CAS: 76-22-2
Color: White
Solubility in Water: Insoluble
Shelf Life: 5 years
DOT Class 4.1, III: Flammable Solid

FLAMMABLE

LAB GRADE		
S25232	25g	8.65
REAGENT GRADE		
S25232A	100g	14.25
S25232B	500g	21.25

Carbol Fuchsin Solution, 0.3%

Ziehl-Neelsen
Color: Opaque Red
Solubility in Water: Completely soluble
Shelf Life: 18 months
DOT Class 3 (6.1), III: Flammable Liquid

FLAMMABLE

0.30%		
S25233***	100mL	10.00
S25233A***	500mL	24.25

Carbonic Acid Solution, pH 5.7

Simulated Acid Rain; H₂CO₃
Color: Clear, colorless
Shelf Life: 2 years

MODERATE HAZARD

SOLUTION		
S25234*	500mL	12.75
S25234A*	4L	20.75

Carborundum

Silicon Carbide
F.W. 40.09
CAS: 409-21-2
Color: Colorless to black
Solubility in Water: Insoluble in water
Shelf Life: 5 years

MODERATE HAZARD

SOLID		
S25235	100g	4.30
S25235A	250g	8.55

Carnoy's Solution

Carnoy-Lebrun Solution (Fixative)

Color: Colorless

Solubility in Water: Soluble

Shelf Life: 2 years

DOT Class 3 (6.1), III: Flammable Liquid

10% W/V		
S25237	100mL	12.75

FLAMMABLE

Casein

Milk Protein

CAS: 9000-71-9

Color: White

Solubility in Water: Slightly soluble

Shelf Life: 2 years

SOLID		
S25238	100g	13.50

MODERATE HAZARD

Catalase (20,000 Units per Gram)

Caperase

CAS: 9001-05-2

Color: White to tan

Shelf Life: 1 year

POWDER		
S25239	40mg	9.65
S25239A	1g	38.25

MODERATE HAZARD

Cedarwood Oil

Oil Cedar

CAS: 8000-27-9

Color: Colorless to light yellow

Solubility in Water: Negligible

Shelf Life: 5 years

VISCOUS SOLUTION		
S25240A	100mL	16.00

MODERATE HAZARD

Cellulase

Cellulase Enzyme

CAS: 9012-54-8

Color: Light tan

Solubility in Water: Soluble

Shelf Life: 5 years

POWDER		
S25241	25g	43.75

MODERATE HAZARD

Cellulose

Cellulose, Microcrystalline

F.W. 162.14

CAS: 9004-34-6

Color: White

Solubility in Water: Insoluble

Shelf Life: 5 years

LAB GRADE		
S25241A	500g	50.50

MODERATE HAZARD

Cereal Grass Medium

For cultivation of protozoa.

Contains dehydrated cereal grass leaves with natural vitamins A,B,C, & K.

DOT: Non-regulated

POWDER		
S25242	100g	18.25
S25242A	500g	24.00

MODERATE HAZARD

Cetyl Alcohol

1-Hexadecanol; CH₃(CH₂)₁₄CH₂OH

F.W. 242.43

CAS: 36653-82-4

Color: White

Solubility in Water: Insoluble in water

Shelf Life: 5 years

SOLID		
S25675	100g	13.50
S25675A	500g	32.75

MODERATE HAZARD

Charcoal

Activated Carbon; C

F.W. 12.01

CAS: 7440-44-0

Color: Black

Solubility in Water: Insoluble

Shelf Life: 5 years

DOT Class 4.2, III: Spontaneously Combustible

ACTIVATED CHARCOAL		
S25246	500g	27.25
BONE POWDER		
S25243	500g	30.00
DECOLORIZING AGENT		
S25245	250g	28.00

FLAMMABLE

MODERATE HAZARD

Chlorine Water

Chlorine Test Solution

Color: Pale yellow

Solubility in Water: Soluble in water

Shelf Life: 6 months

DOT Class 8, III: Corrosive

SOLUTION		
S25247	1L	12.00

CORROSIVE

Chloroform

Trichloromethane; CHCl₃

F.W. 119.38

CAS: 67-66-3

Color: Clear

Solubility in Water: Slightly soluble

Shelf Life: 2 years

DOT Class 6.1, III: Poison

REAGENT GRADE		
S25248***	100mL	10.25

HEALTH HAZARD

Cholesterol

(3β)-Choles-5En-3-Ol; C₂₇H₄₆O

F.W. 385.31

CAS: 57-88-5

Color: White

Solubility in Water: Soluble

Shelf Life: 2 years

SOLID		
S25677	25g	41.00

MODERATE HAZARD

Chromatography Solvent

Petroleum Ether

Color: Clear

Solubility in Water: Insoluble

Shelf Life: 2 years

DOT Class 3, II: Flammable Liquid

LIQUID		
S25253	500mL	17.75

FLAMMABLE

Chromium

Chrome; Cr

F.W. 52.00

CAS: 7440-47-3

Color: Silver-gray

Solubility in Water: Insoluble

Shelf Life: 5 years

SOLID		
S25249A	100g	20.00

MODERATE HAZARD

Chromium (II) Potassium Sulfate

Chrom Alum Dodecahydrate; CrK(SO₄)₂·12H₂O

F.W. 499.43

CAS: 7788-99-0

Color: Metallic purple

Solubility in Water: Soluble

Shelf Life: 2 years

LAB GRADE		
S25252	100g	22.25
REAGENT GRADE		
S25252A	500g	16.50

MODERATE HAZARD

Chromium (III) Oxide

Chromic Oxide; Cr₂O₃

F.W. 151.99

CAS: 1308-38-9

Color: Green

Solubility in Water: Insoluble

Shelf Life: 5 years

SOLID		
S25251	100g	18.50

MODERATE HAZARD

* California - WARNING: Cancer www.P65Warnings.ca.gov
 ** California - WARNING: Reproductive Harm www.P65Warnings.ca.gov
 *** California - WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

Chromium Nitrate, Nonahydrate

Chromic Nitrate Nonahydrate; $\text{Cr}(\text{NO}_3)_3 \cdot 9\text{H}_2\text{O}$

F.W. 400.18

CAS: 7789-02-8

Color: Purple

Solubility in Water: Soluble

Shelf Life: 1 year

DOT Class 5.1, III: Oxidizer

REAGENT GRADE		
S25250	100g	17.50
S25250A	500g	45.75

REACTIVE & OXIDIZING

Citric Acid, Anhydrous

β -Hydroxytricarboxylic Acid; $\text{C}_6\text{H}_8\text{O}_7$

F.W. 192.13

CAS: 77-92-9

Color: White

Solubility in Water: Soluble

Shelf Life: 1 year

LAB GRADE		
S25255	100g	8.95
S25255A	500g	15.00

MODERATE HAZARD

Citric Acid, Monohydrate

2-Hydroxy-1,2,3-Propanetricarboxylic Acid Monohydrate; $\text{C}_6\text{H}_8\text{O}_7 \cdot \text{H}_2\text{O}$

F.W. 210.15

CAS: 5949-29-1

Color: White

Solubility in Water: Soluble

Shelf Life: 1 year

SOLID		
S25254	100g	7.15
S25254A	500g	26.25

MODERATE HAZARD

Clayton Yellow

Thiazol Yellow G

F.W. 695.73

CAS: 1829-00-1

Color: Tan

Shelf Life: 5 years

SOLID		
S25678	10g	24.25

MODERATE HAZARD

Cobalt Nitrate Solution, 0.1M

Color: Pink

Solubility in Water: Soluble in water

0.1M		
S25852	500mL	6.20

MODERATE HAZARD

Cobalt Nitrate Solution, 1M

Color: Clear pink

Solubility in Water: Soluble

Shelf Life: 2 years

1M		
S25259	50mL	8.40

MODERATE HAZARD

Cobalt Oxide

Cobalt (II, III) Oxide; Co_3O_4

F.W. 240.80

CAS: 1308-06-1

Color: Gray/black

Solubility in Water: Insoluble

Shelf Life: 5 years

POWDER		
S25258	100g	20.25

MODERATE HAZARD

Cobalt(ous) Chloride, Hexahydrate Solution, 0.1M

Color: Clear, pink-purple

Solubility in Water: Soluble in water

Shelf Life: 2 years

0.1M		
S25851	500mL	6.00

MODERATE HAZARD

Cobalt(ous) Chloride, Hexahydrate Solution, 1M

Color: Clear, pink-purple

Solubility in Water: Soluble in water

Shelf Life: 2 years

1M		
S25260	500mL	18.75

MODERATE HAZARD

Cobalt(ous) Chloride, Hexahydrate

Cobalt(II) Chloride Hexahydrate; $\text{CoCl}_2 \cdot 6\text{H}_2\text{O}$

F.W. 237.95

CAS: 7791-13-1

Color: Purple

Solubility in Water: Soluble

Shelf Life: 2 years

DOT Class 8, III: Corrosive

LAB GRADE		
S25257	100g	18.00
REAGENT GRADE		
S25257A	100g	18.75

CORROSIVE

Cobalt(ous) Nitrate, Hexahydrate

Cobalt(II) Nitrate Hexahydrate; $\text{Co}(\text{NO}_3)_2 \cdot 6\text{H}_2\text{O}$

F.W. 291.05

CAS: 10026-22-9

Color: Red

Solubility in Water: Soluble

Shelf Life: 1 year

DOT Class 5.1, II: Oxidizer

LAB GRADE		
S25261A	100g	28.50
REAGENT GRADE		
S25261	100g	20.50
S25261B	500g	63.00

REACTIVE & OXIDIZING

Coconut Oil

Copra Oil

CAS: 8001-31-8

Color: White to pale yellow

Solubility in Water: Insoluble

Shelf Life: 5 years

SOLID		
S25263	500g	10.75

MODERATE HAZARD

Congo Red, 0.1% Aqueous Solution

Color: Clear, red

Solubility in Water: Soluble

Shelf Life: 2 years

0.10%		
S25265	100mL	5.70

MODERATE HAZARD

Congo Red, Biological Stain, pH Indicator

C.I. Direct Red 28; $\text{C}_{32}\text{H}_{22}\text{N}_6\text{Na}_2\text{O}_6\text{S}_2$

F.W. 696.67

CAS: 573-58-0

Color: Red-brown

Solubility in Water: Complete

Shelf Life: 5 years

DOT Class 4.1, III: Flammable

SOLID		
S25264	25g	19.50

FLAMMABLE

Copper (II) Acetate, Monohydrate

Cupric Acetate Monohydrate; $(\text{CH}_3\text{CO}_2)_2\text{Cu} \cdot \text{H}_2\text{O}$

F.W. 199.65

CAS: 6046-93-1

Color: Blue-green

Solubility in Water: Soluble

Shelf Life: 5 years

DOT Class 9, III: Miscellaneous

LAB GRADE		
S25276	100g	22.25
S25276A	500g	47.25

HEALTH HAZARD

Copper (II) Bromide

Cupric Bromide; CuBr_2

F.W. 223.37

CAS: 7789-45-9

Color: Gray/blue

Solubility in Water: Soluble

Shelf Life: 12 months

REAGENT GRADE		
S25277	25g	4.60
S25277A	100g	30.00

MODERATE HAZARD



* California - WARNING: Cancer www.P65Warnings.ca.gov
 ** California - WARNING: Reproductive Harm www.P65Warnings.ca.gov
 *** California - WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

Copper (II) Carbonate

Cupric Carbonate Basic; $\text{CuCO}_3 \cdot \text{Cu(OH)}_2$
F.W. 221.11
CAS: 12069-69-1
Color: Dark green
Solubility in Water: Insoluble in water
Shelf Life: 5 years

MODERATE HAZARD

POWDER

S25278 500g 34.50

Copper (II) Chloride Solution, 1M

Cupric Chloride
Color: Light blue-green
Solubility in Water: Soluble
Shelf Life: 1 year

MODERATE HAZARD

1M

S25280 50mL 7.15
S25280A 500mL 35.75

Copper (I) Chloride, Anhydrous

Cupric Chloride, Anhydrous; CuCl
F.W. 99
CAS: 7758-89-6
Density: 4.14g/mL
Color: Gray to Green
Solubility in Water: Soluble
Shelf Life: 2 years
DOT Class 8, III: Corrosive

CORROSIVE

LAB GRADE - POWDER

S25290 100g 15.00

Copper (II) Chloride, Anhydrous

Cupric Chloride, Anhydrous; CuCl_2
F.W. 134.45
CAS: 7447-39-4
Color: Yellow/brown
Solubility in Water: Soluble
Shelf Life: 1 year
DOT Class 8, III: Corrosive

CORROSIVE

LAB GRADE

S25281 100g 23.25

Copper (II) Chloride, Dihydrate

Cupric Chloride, Dihydrate; $\text{CuCl}_2 \cdot 2\text{H}_2\text{O}$
F.W. 170.48
CAS: 10125-13-0
Color: Blue-green
Solubility in Water: Soluble
Shelf Life: 1 year
DOT Class 8, III: Corrosive

CORROSIVE

LAB GRADE

S25279B 500g 20.75
S25279C 2kg 81.00
REAGENT GRADE
S25279 100g 14.25
S25279A 500g 41.25

Copper (II) Nitrate Solution, 1M

Cupric Nitrate Solution
Color: Blue
Solubility in Water: Soluble
Shelf Life: 1 year

MODERATE HAZARD

1M

S25283 500mL 13.25

Copper (II) Nitrate, Trihydrate

Cupric Nitrate Trihydrate; $\text{Cu(NO}_3)_2 \cdot 3\text{H}_2\text{O}$
F.W. 241.60
CAS: 10031-43-3
Color: Blue
Solubility in Water: Soluble
Shelf Life: 1 year
DOT Class 5.1, II: Oxidizer

REACTIVE & OXIDIZING

LAB GRADE

S25282B 500g 39.75

REAGENT GRADE

S25282 100g 15.50
S25282A 500g 39.75

Copper (II) Oxide

Cupric Oxide; CuO
F.W. 79.54
CAS: 1317-38-0
Color: Black
Solubility in Water: Insoluble
Shelf Life: 5 years

MODERATE HAZARD

REAGENT GRADE

S25284 25g 8.15

Copper (II) Sulfate Solutions

Color: Blue
Solubility in Water: Soluble in water
Shelf Life: 2 years

MODERATE HAZARD

0.1M

S25853 500mL 5.60

1M

S25289 500mL 8.55

Copper (II) Sulfate, Pentahydrate, Lab Grade

Cupric Sulfate; $\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$
F.W. 249.68
CAS: 7758-99-8
Color: Blue
Solubility in Water: Soluble
Shelf Life: 2 years
DOT Class 6.1, III: Poison

HEALTH HAZARD

LAB GRADE - CRYSTALS

S25287A 500g 21.75

LAB GRADE - POWDER

S25288A 500g 13.00
S25288 2kg 39.00

Copper (II) Sulfate, Pentahydrate, Reagent Grade

Cupric Sulfate; $\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$
F.W. 249.68
CAS: 7758-99-8
Color: Blue

HEALTH HAZARD

Solubility in Water: Soluble
Shelf Life: 2 years
DOT Class 6.1, III: Poison

REAGENT GRADE - CRYSTALS

S25287 500g 21.25
S25287B 1kg 56.00

REAGENT GRADE - POWDER

S25286 100g 19.00
S25286A 500g 49.75
S25286B 3kg 72.75

Copper Sulfate, Anhydrous

Cupric Sulfate; CuSO_4
F.W. 159.61
CAS: 7758-98-7
Color: Light gray

HEALTH HAZARD

Solubility in Water: Soluble
Shelf Life: 2 years
DOT Class 6.1, III: Poison

REAGENT GRADE - POWDER

S25285 100g 28.50
S25285A 500g 49.75

Copper, Foil

Cu
F.W. 63.54
CAS: 7440-50-8
Color: Red to brown
Solubility in Water: Insoluble
Shelf Life: 5 years

MODERATE HAZARD

METAL FOIL

S25267 100g 13.75
S25267A 500g 58.00

Copper, Sheet

Cu
F.W. 63.54
CAS: 7440-50-8
Color: Red to brown
Solubility in Water: Insoluble
Shelf Life: 5 years

MODERATE HAZARD

METAL SHEET - 12 x 12"

S25269 Ea. 94.00

Chemicals are educational grade and are intended for teaching use only.
 Not approved for clinical use.

Copper, Solid

Cu
 F.W. 63.54
 CAS: 7440-50-8
 Color: Red to brown
 Solubility in Water: Insoluble
 Shelf Life: 5 years
 DOT Class 4.1, II: *Flammable Solid*

FLAMMABLE

GRANULAR		
S25268	100g	18.50
S25268A	500g	74.75
REAGENT GRADE POWDER		
S25266A	500g	57.50
SHOT		
S25909	500g	49.25

Copper, Strips

Cu
 F.W. 63.55
 CAS: 7440-50-8
 Copper Sulfate
 Density: 8.94
 7440-50-8
 Boiling Point: 2595°C (1981.4°F)
 Melting Point: 1083°C (4703°F)

FLAMMABLE

STRIPS		
S25911	6 × 14 in.	17.00

Copper, Turnings

Cu
 F.W. 63.54
 CAS: 7440-50-8
 Color: Red to brown
 Solubility in Water: Insoluble
 Shelf Life: 5 years
 DOT Class 4.1, II: *Flammable*

FLAMMABLE

METAL TURNINGS		
S25270	100g	17.75

Corn Oil

CAS: 8001-30-7
 Color: Yellow
 Solubility in Water: Insoluble
 Shelf Life: 5 years

MODERATE HAZARD

SOLUTION		
S25271	500mL	8.45

Corn Syrup

Glucose Solution
 CAS: 50-99-7
 Color: Clear
 Solubility in Water: Soluble in water
 Shelf Life: 5 years

MODERATE HAZARD

LIQUID		
S25339	500mL	11.25

Cresol Red Solution, 0.02%

Color: Clear, red
 Solubility in Water: Infinite
 Shelf Life: 18 months

MODERATE HAZARD

0.02%		
S25273	100mL	9.85

Cresol Red, Sodium Salt

O-Cresolsulfonephthalein
 F.W. 404.4
 CAS: 62625-29-0

MODERATE HAZARD

Color: Reddish-brown
 Solubility in Water: Soluble
 Shelf Life: 5 years

POWDER		
S25272	1g	9.60

Crystal Violet Solutions

Gentian Violet
 Color: Violet
 Solubility in Water: Soluble in water
 Shelf Life: 18 months

MODERATE HAZARD

0.5% - GRAM STAIN		
S25275B	500mL	25.75
1%		
S25275A	100mL	8.30
1% - GRAM STAIN		
S25275	100mL	17.75

Crystal Violet, Certified Biological Stain

Gentian Violet; C₂₃H₃₀ClN₃
 F.W. 408.00
 CAS: 548-62-9
 Color: Green
 Solubility in Water: Soluble in water
 Shelf Life: 5 years

MODERATE HAZARD

SOLID		
S25274	1g	3.80
S25274A	10g	14.25
S25274B	25g	12.50

Cyclohexane

Hexahydrobenzene; C₆H₁₂
 F.W. 84.15
 CAS: 110-82-7

FLAMMABLE

Color: Clear
 Solubility in Water: Insoluble in water
 Shelf Life: 5 years
 DOT Class 3, II: *Flammable Liquid*

REAGENT GRADE		
S25292	500mL	12.50
S25292A	1L	44.00

Cyclohexene

C₆H₁₂
 F.W. 82.13
 CAS: 110-83-8

FLAMMABLE

Color: Clear, colorless
 Solubility in Water: Insoluble
 Shelf Life: 2 years
 DOT Class 3, II: *Flammable Liquid*

SOLUTION		
S25291	250mL	41.75
S25291A	500mL	59.25

L-Cysteine

Thioserine; Cysteine; HSCH₂CH(NH₂)CO₂H
 F.W. 121.16

CAS: 52-90-4

MODERATE HAZARD

Color: White
 Solubility in Water: Soluble in water
 Shelf Life: 2 years

SOLID		
S25682	5g	19.00

Deoxyribonucleic Acid

DNA
 CAS: 9007-49-2

Color: White to off-white

MODERATE HAZARD

Solubility in Water: Soluble
 Shelf Life: 2 years

SOLID		
S25294	25g	71.00

Dextrin

Vegetable Gum; (C₆H₁₀O₅)_n
 F.W. 162.07

CAS: 9004-53-9

MODERATE HAZARD

Color: White to off-white
 Solubility in Water: Soluble in hot water
 Shelf Life: 2 years

SOLID		
S25683	500g	13.00

Dextrose, Anhydrous

Glucose; C₆H₁₂O₆
 F.W. 180.16

CAS: 50-99-7

MODERATE HAZARD

Color: White
 Solubility in Water: Soluble
 Shelf Life: 2 years

LAB GRADE		
S25295	100g	7.60
S25295A	500g	14.50
S25295B	1kg	20.00

Dextrose, Monohydrate

Glucose; C₆H₁₂O₆·H₂O

F.W. 198.18

CAS: 14431-43-7

Color: White

Solubility in Water: soluble

Shelf Life: 2 years

LAB GRADE

S25296	500g	9.95
--------	------	------

MODERATE HAZARD

Diatase of Malt

Maltin

CAS: 9000-92-4

Color: Yellow-white

Solubility in Water: Soluble

Shelf Life: 2 years

LAB GRADE

S25297	25g	11.25
--------	-----	-------

S25297A	100g	30.50
---------	------	-------

MODERATE HAZARD

Diatomaceous Earth

Silica

CAS: 68855-549

Color: White

Solubility in Water: Insoluble in water

Shelf Life: 2 years

LAB GRADE

S25298	500g	17.50
--------	------	-------

MODERATE HAZARD

p-Dichlorobenzene

1,4-Dichlorobenzol; C₆H₄Cl₂

F.W. 147.00

CAS: 106-46-7

Color: White

Solubility in Water: Insoluble

Shelf Life: 2 years

DOT Class 9, III: *Miscellaneous*

LAB GRADE

S25299*	500g	14.75
---------	------	-------

S25299A*	1kg	40.75
----------	-----	-------

S25299C*	2.5kg	51.75
----------	-------	-------

S25299B*	3kg	85.00
----------	-----	-------

HEALTH HAZARD

2,6-Dichloroindophenol Sodium Salt

2,6-Dichlorophenol Indophenol Sodium Salt;

NaOC₆H₃N·C₆H₂(Cl)₂·O

F.W. 290.08

CAS: 620-45-1

Color: Dark Green

Solubility in Water: Partially soluble

Shelf Life: 2 years

POWDER

S25300B	0.036g	8.10
---------	--------	------

S25300	1g	12.50
--------	----	-------

S25300A	5g	37.50
---------	----	-------

MODERATE HAZARD

Dimethylglyoxime

2, 3-Butanedione Dioxime; (CH₃)₂C₂(NOH)₂

F.W. 116.12

CAS: 95-45-4

Color: White to off-white

Solubility in Water: Insoluble

Shelf Life: 5 years

DOT Class 4.1, III: *Flammable Solid*

REAGENT GRADE

S25301	25g	19.75
--------	-----	-------

FLAMMABLE

Diphenylamine

(C₆H₅)₂NH

F.W. 169.23

CAS: 122-39-4

Color: Colorless to gray

Shelf Life: 5 years

DOT Class 6.1, III: *Poison*

REAGENT GRADE

S25302	100g	31.50
--------	------	-------

HEALTH HAZARD

Dithizone

Diphenylthiocarbazone; C₁₃H₁₂N₂S

F.W. 256.32

CAS: 60-10-6

Color: Dark Brownish-black

Solubility in Water: Insoluble

Shelf Life: 5 years

SOLID

S25685	2.5g	28.50
--------	------	-------

MODERATE HAZARD

Dodecyl Alcohol

Lauryl Alcohol; CH₃(CH₂)₁₁OH

F.W. 186.34

CAS: 112-53-8

Color: White

Solubility in Water: Insoluble in water

Shelf Life: 5 years

DOT Class 9, III: *Miscellaneous*

SOLID

S25686A	100g	30.75
---------	------	-------

HEALTH HAZARD

Drierite™

Calcium Sulfate

F.W. 136.14

CAS: 7778-18-9

Color: Non-indicating off-white

Shelf Life: 5 years

SOLID

S25684	454g	24.00
--------	------	-------

MODERATE HAZARD

EDTA, Disodium Salt

Ethylenediaminetetraacetic Acid, Disodium Salt Dihydrate;

C₁₀H₁₄N₂Na₂O₈·2H₂O

F.W. 372.23

CAS: 6381-92-6

Color: White

Solubility in Water: Soluble in water

Shelf Life: 5 years

REAGENT GRADE

S25687	25g	14.75
--------	-----	-------

S25687A	100g	40.25
---------	------	-------

MODERATE HAZARD

Eosin Yellow, 1% Alcohol Solution

CAS: 17372-87-1

Color: Orange

Solubility in Water: Infinite

Shelf Life: 18 months

DOT Class 3, II: *Flammable Liquid*

1%

S25303	100mL	9.65
--------	-------	------

FLAMMABLE

Electrode Storage Solution

CAS: 877-24-7

Color: Colorless

Shelf Life: 2 years

SOLUTION

S25907	1L	34.50
--------	----	-------

MODERATE HAZARD

Ethyl Acetate

Acetic Acid Ethyl Ester; CH₃COOC₂H₅

F.W. 88.11

CAS: 141-78-6

Color: Clear, colorless

Solubility in Water: Slightly soluble

Shelf Life: 2 years

DOT Class 3, II: *Flammable Liquid*

ACS GRADE

S25305	500mL	12.50
--------	-------	-------

FLAMMABLE

* California - WARNING: Cancer www.P65Warnings.ca.gov
 ** California - WARNING: Reproductive Harm www.P65Warnings.ca.gov
 *** California - WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

Ethyl AlcoholEthanol; C₂H₅OH

F.W. 46.07

CAS: 64-17-5

Color: Clear, colorless

Solubility in Water: Slightly soluble

Shelf Life: 5 years

DOT Class 3, II: *Flammable Liquid***FLAMMABLE****70% DENATURED W/MIBK**

S25306	500mL	8.85
S25306A	4L	26.50

95% DENATURED W/IPA AND METHANOL

S25309D**	500mL	6.50
S25309E**	4L	61.75

95% DENATURED W/MIBK

S25310	500mL	10.75
S25310A	3.8L	43.25

ANHYDROUS, DENATURED W/MIBK

S25307	500mL	7.55
S25307A	1L	18.00
S25307B	4L	39.75

ANHYDROUS, DENATURED, W/IPA AND METHANOL

S25308**	1L	24.50
S25308A**	20L	161.00

LAB GRADE - 95% DENATURED W/IPA AND METHANOL

S25309	500mL	6.50
S25309C	1L	11.75
S25309A (SAFE-COTE)	3.8L	87.00
S25309B	4L	30.50

Ethylenediamine1, 2-Diaminoethane; H₂NCH₂CH₂NH₂

F.W. 60.10

CAS: 107-15-3

Color: Clear, colorless

Solubility in Water: Soluble

Shelf Life: 2 years

DOT Class 8 (3), II: *Corrosive***CORROSIVE****LAB GRADE - SOLUTION**

S25312	100mL	23.75
--------	-------	-------

Ethylenediamine Tetracetic AcidEDTA; C₁₀H₁₆N₂O₈

F.W. 292.25

CAS: 60-00-4

Color: Colorless to White

Solubility in Water: Slightly soluble

Shelf Life: 5 years

MODERATE HAZARD**REAGENT GRADE**

S25311A	25g	13.75
S25311B	100g	18.25
S25311	500g	61.25

Ethyl Ether, Anhydrous(C₂H₅)₂O

F.W. 74.12

CAS: 60-29-7

Color: Clear

Solubility in Water: Soluble

Shelf Life: 2 years

DOT Class 3, I: *Flammable***FLAMMABLE****ACS GRADE**

S25903	4L	141.00
S25903L	1L	56.75

Ethylene GlycolGlycol; C₂H₆O₂

F.W. 62.06

CAS: 107-21-1

Color: Clear, colorless

Shelf Life: 2 years

DOT Class 3, I: *Flammable***FLAMMABLE****LAB GRADE**

S25905**	4L	110.00
----------	----	--------

FAA Solution

Formalin-Acetic Acid Alcohol

Color: Clear

Solubility in Water: Miscible

Shelf Life: 2 years

DOT Class 3, II: *Flammable Liquid***FLAMMABLE****SOLUTION**

S25688***	500mL	12.25
-----------	-------	-------

Fast Green FCF

Food Green

CAS: 2353-45-9

Color: Maroon to Dark Brown

Solubility in Water: Soluble

Shelf Life: 5 years

MODERATE HAZARD**SOLID**

S25691	1g	13.00
--------	----	-------

Fast Green Solution, 1%

Color: Dark Green

Solubility in Water: Soluble

Shelf Life: 18 months

MODERATE HAZARD**1%**

S25692	20mL	12.50
--------	------	-------

Fehling's Solution, A

Color: Clear, blue

Solubility in Water: Infinite

Shelf Life: 2 years

MODERATE HAZARD**SOLUTION**

S25313	500mL	5.95
--------	-------	------

Fehling's Solution, B

Color: Clear, colorless

Solubility in Water: Soluble in water

Shelf Life: 2 years

DOT Class 8, II: *Corrosive***CORROSIVE****SOLUTION**

S25314	500mL	11.25
--------	-------	-------

Ferric Ammonium Citrate

Iron (III) Ammonium Citrate

CAS: 1185-57-5

Color: Yellow, green, or red-brown

Solubility in Water: Freely soluble

Shelf Life: 1 year

MODERATE HAZARD**SOLID**

S25315	500g	23.25
--------	------	-------

Ferric Ammonium Sulfate, DodecahydrateAmmonium Iron (III) Sulfate; FeNH₄(SO₄)₂·12H₂O

F.W. 482.19

CAS: 7783-83-7

Color: Purple

Solubility in Water: Soluble in water

Shelf Life: 1 year

MODERATE HAZARD**SOLID**

S25316	100g	12.00
S25316A	500g	34.00

Ferric Chloride HexahydrateIron (III) Chloride; FeCl₃·6H₂O

F.W. 270.30

CAS: 10025-77-1

Color: Dark yellow/brown

Solubility in Water: Soluble

Shelf Life: 1 year

DOT Class 8, III: *Corrosive***CORROSIVE****REAGENT GRADE - SOLID**

S25317	100g	12.75
S25317A	500g	28.25

SOLUTION - 1M

S25318	500mL	12.50
--------	-------	-------

Ferric Nitrate Solution, 1M

Iron (III) Nitrate Solution

Color: Pale green

Solubility in Water: Soluble

Shelf Life: 1 year

MODERATE HAZARD**REAGENT GRADE**

S25320	500mL	15.75
--------	-------	-------

* California - WARNING: Cancer www.P65Warnings.ca.gov** California - WARNING: Reproductive Harm www.P65Warnings.ca.gov*** California - WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

Ferric Nitrate, NonahydrateIron (III) Nitrate; $\text{Fe}(\text{NO}_3)_3 \cdot 9\text{H}_2\text{O}$

F.W. 404.00

CAS: 7782-61-8

REACTIVE & OXIDIZING

Color: White to gray or light purple

Solubility in Water: Soluble

Shelf Life: 1 year

DOT Class 5.1, III: Oxidizer

REAGENT GRADE		
S25319	100g	21.00
S25319A	500g	39.50

Ferric Sulfate, Hydrated

Iron Persulfate

CAS: 10028-22-5

MODERATE HAZARD

Color: Yellow-gray

Solubility in Water: Soluble in water

Shelf Life: 1 year

REAGENT GRADE		
S25322	100g	12.00
S25322A	500g	95.00

Ferric(ous) Oxide, BlackBlack Iron Oxide; Fe_3O_4

F.W. 231.54

CAS: 1317-61-9

MODERATE HAZARD

Color: Black

Solubility in Water: Insoluble

Shelf Life: 5 years

LAB GRADE		
S25321	500g	29.50

Ferrous Ammonium Sulfate Solution, 0.1M

Color: Clear

MODERATE HAZARD

Solubility in Water: Miscible in water

0.1M

S25854*	500mL	13.25
---------	-------	-------

Ferrous Ammonium Sulfate, HexahydrateAmmonium Iron (II) Sulfate; $\text{Fe}(\text{NH}_4)_2(\text{SO}_4)_2 \cdot 6\text{H}_2\text{O}$

F.W. 392.13

CAS: 7783-85-9

MODERATE HAZARD

Color: Light Green

Solubility in Water: Soluble

Shelf Life: 1 year

REAGENT GRADE - CRYSTALS		
S25323	100g	12.50
S25323A	500g	32.25

Ferrous Chloride, TetrahydrateIron (II) Chloride Tetrahydrate; $\text{FeCl}_2 \cdot 4\text{H}_2\text{O}$

F.W. 198.81

CAS: 13478-10-9

CORROSIVE

Color: Light Green

Solubility in Water: Soluble in alcohol

Shelf Life: 1 year

DOT Class 8, III: Corrosive

REAGENT GRADE		
S25324	25g	14.50
S25324A	100g	24.75
S25324B	500g	74.00

Ferrous Sulfate, HeptahydrateIron (II) Sulfate; $\text{FeSO}_4 \cdot 7\text{H}_2\text{O}$

F.W. 278.01

CAS: 7782-63-0

MODERATE HAZARD

Color: Blue-green

Solubility in Water: Soluble

Shelf Life: 1 year

SOLID		
S25325	100g	12.50
S25325A	500g	27.25

Ferrous Sulfate, Heptahydrate, Solution, 1M

Color: Blue to green

MODERATE HAZARD

Solubility in Water: Soluble

Shelf Life: 1 year

1M		
S25326*	500mL	12.75

Ferrous SulfideIron (II) Sulfide; FeS

F.W. 87.91

CAS: 1317-37-9

MODERATE HAZARD

Color: Gray to brown-black

Solubility in Water: Insoluble in water

Shelf Life: Two years

SOLID		
S25327	500g	55.75

Fluorescein, Disodium SaltUranin; $\text{C}_{20}\text{H}_{10}\text{O}_5\text{Na}_2$

CAS: 518-47-8

MODERATE HAZARD

Color: Rust/Orange

Solubility in Water: Soluble in water

Shelf Life: 5 years

POWDER		
S25328	25g	12.00
S25328A	100g	25.00

Formaldehyde Solution, 37%Formalin; HCHO

CAS: 50-00-0

FLAMMABLE

Color: Clear, colorless

Solubility in Water: Soluble in water

Shelf Life: 2 years

DOT Class 3 (8), III: Flammable, Corrosive

LAB GRADE - 37%		
S25329***	500mL	18.00

Formalin Solution, 10%4% Formaldehyde; HCHO

CAS: 50-00-0

HEALTH HAZARD

Color: Clear, colorless

Solubility in Water: Soluble in water

Shelf Life: 2 years

DOT Class 9, III: Miscellaneous

10% W/W		
S25689*	1L	22.50
S25330*	4L	65.75

Formic Acid, 88%Methanoic Acid; HCOOH

F.W. 46.03

CAS: 64-18-6

FLAMMABLE

Color: Clear, colorless

Solubility in Water: Soluble

Shelf Life: 1 year

DOT Class 8 (3), II: Corrosive

REAGENT GRADE		
S25331	100mL	19.50
S25331A	500mL	27.50

D-FructoseFruit Sugar; $\text{C}_6\text{H}_{12}\text{O}_6$

F.W. 180.16

CAS: 57-48-7

MODERATE HAZARD

Color: White

Solubility in Water: Freely soluble

Shelf Life: 5 years

SOLID		
S25332	100g	21.75
S25332A	500g	24.25

Fuchsin AcidAcid Fuchsin; $\text{C}_{20}\text{H}_{17}\text{N}_3\text{Na}_2\text{O}_9\text{S}_3$

F.W. 585.54

CAS: 3244-88-0

MODERATE HAZARD

Color: Green

Solubility in Water: Soluble

Shelf Life: 5 years

SOLID		
S25690	5g	17.00

Chemicals are educational grade and are intended for teaching use only.
Not approved for clinical use.

* California - WARNING: Cancer www.P65Warnings.ca.gov** California - WARNING: Reproductive Harm www.P65Warnings.ca.gov*** California - WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

Fuchsin Acid Staining Solution, 1%

Color: Red
Solubility in Water: Soluble
Shelf Life: 18 months

1%
S25694 20mL 9.45

MODERATE HAZARD

Fumaric Acid

Trans-Butenedioic Acid; C₄H₄O₄
F.W. 116.07
CAS: 110-17-8
Color: White
Solubility in Water: Soluble
Shelf Life: 5 years

SOLID
S25333A 500g 16.75

MODERATE HAZARD

D-Galactose

D-Galactopyranose; C₆H₁₂O₆
F.W. 180.09
CAS: 59-23-4
Color: White
Solubility in Water: Soluble
Shelf Life: 5 years

SOLID
S25334 100g 44.00

MODERATE HAZARD

Gastric Juice

Color: Yellowish
Solubility in Water: Soluble
Shelf Life: 2 years
DOT Class 8, II: Corrosive

SOLUTION
S25695A 500mL 13.00

CORROSIVE

Gelatin

Pharmagel
CAS: 9000-70-8
Color: White/Pale-yellow
Solubility in Water: Soluble
Shelf Life: 5 years

LAB GRADE
S25335 500g 22.50

MODERATE HAZARD

Glucose Solution, 0.1%

Glucose Solution
Shelf Life: 2 years

0.10%
S25336 50mL 9.60

MODERATE HAZARD

Glucose Solution, 15%

Glucose Solution
Shelf Life: 2 years

15%
S25338 250mL 5.45

MODERATE HAZARD

D-Glucose-1-Phosphate, Disodium Salt

α-D-Glucopyranose 1-Phosphate; C₆H₁₁Na₂O₉P·4H₂O
F.W. 376.16
CAS: 56401-20-8
Color: White
Solubility in Water: Soluble
Shelf Life: 2 years

SOLID
S25340 1g 30.50

MODERATE HAZARD

Glutaraldehyde Solution, 25%

Color: Clear, colorless to pale yellow
Solubility in Water: Soluble
Shelf Life: 5 years
DOT Class 6.1 (8), II: Poison

25%
S25341 1L 58.50

HEALTH HAZARD

Glutathione

Glutinal; C₁₀H₁₇N₃O₆S
F.W. 307.30
CAS: 70-18-8
Color: White
Solubility in Water: Soluble in water
Shelf Life: 2 years

SOLID
S25699 1g 30.00

MODERATE HAZARD

Glycerin

Glycerol; C₃H₅(OH)₃
F.W. 92.1
CAS: 56-81-5
Color: Clear
Solubility in Water: Miscible in water
Shelf Life: 5 years

ACS GRADE - LIQUID
S25342A 500mL 8.25
S25342D 4L 37.50

LAB GRADE - LIQUID
S25342 50mL 9.95
S25342B 1L 23.25
S25342C 4L 83.00

MODERATE HAZARD

Glycine

Aminoacetic Acid; NH₂CH₂COOH
F.W. 75.05
CAS: 56-40-6
Color: White
Solubility in Water: Soluble
Shelf Life: 5 years

SOLID
S25696 100g 15.00
S25696A 500g 40.00

MODERATE HAZARD

Glycogen

Animal Starch; (C₆H₁₀O₅)_n
F.W. 176.15
CAS: 9005-79-2
Color: White
Shelf Life: 5 years

POWDER
S25343 5g 85.00

MODERATE HAZARD

Graphite

Black Lead; C
F.W. 12.00
CAS: 7782-42-5
Color: Green, blue, steel gray or black
Solubility in Water: Insoluble in water
Shelf Life: 5 years

SOLID
S25345 500g 21.00

MODERATE HAZARD

Guar Gum

Animal Starch
CAS: 9000-30-0
Color: Yellowish-white
Solubility in Water: Soluble
Shelf Life: 5 years

SOLID
S25346 100g 11.25
S25346A 500g 26.00

MODERATE HAZARD

Hematoxylin

Hematoxiline; C₁₈H₁₄O₆
F.W. 302.27
CAS: 517-28-2
Color: White to Yellow
Solubility in Water: Soluble in hot water
Shelf Life: 2 years

SOLID
S25347 25g 37.50

MODERATE HAZARD

Heptane

N-Heptane; C₇H₁₆
F.W. 100.21
CAS: 142-82-5
Color: Clear, Colorless
Solubility in Water: Insoluble in water
Shelf Life: 5 years
DOT Class 3, II: Flammable Liquid

SOLUTION
S25348 500mL 25.00

FLAMMABLE

1,6-Hexamethyldiamine, 0.5M Solution

Color: Clear, colorless
Solubility in Water: Soluble
Shelf Life: 5 years
DOT Class 8, II: Corrosive

0.5M
S25349 250mL 56.75

CORROSIVE

1,6-Hexamethyldiamine1, 6-Diaminohexane; H₂N(CH₂)₆NH₂

F.W. 116.20

CAS: 124-09-4

Color: White

Solubility in Water: Soluble

Shelf Life: 5 years

DOT Class 8, III: Corrosive

CORROSIVE

SOLID		
S25350	100g	22.25

HexanesC₆H₁₄

F.W. 86.18

CAS: 110-54-3

Color: Clear, colorless

Solubility in Water: Insoluble

Shelf Life: 5 years

DOT Class 3, II: Flammable Liquid

FLAMMABLE

ACS GRADE		
S25352A	4L	59.75
LAB GRADE		
S25352	1L	43.50
REAGENT GRADE		
S25351	500mL	13.00

Hexyl Alcohol1-Hexanol; CH₃(CH₂)₄CH₂OH

F.W. 102.18

CAS: 111-27-3

Color: Clear

Solubility in Water: Slightly soluble in water

Shelf Life: 5 years

DOT Class 3, III: Flammable Liquid

FLAMMABLE

SOLUTION		
S25701	100mL	15.00
S25701A	500mL	58.50

Hydrochloric Acid Solution, 1.0N

Color: Clear, colorless

Solubility in Water: Soluble in water

Shelf Life: 2 years

DOT Class 8, III: Corrosive

CORROSIVE

1N		
S25356	500mL	6.45
S25356A	1L	11.50
S25908	4L	41.25

Hydrochloric Acid Solutions

F.W. 36.46

Color: Clear, colorless

Solubility in Water: Soluble in water

Shelf Life: 2 years

DOT Class 8, III: Corrosive

0.1M (0.1N)		
S25354	500mL	6.70

CORROSIVE**Hydrochloric Acid Solutions, Various**

Color: Clear

Solubility in Water: Soluble in water

DOT Class 8, III: Corrosive

3M		
S25856	500mL	9.95
6M		
S25857	500mL	9.45
8% V/V		
S25355	3mL	1.75

CORROSIVE**Hydrochloric Acid, ACS, 12M**

Hydrogen Chloride; HCl

F.W. 36.46

CAS: 7647-01-0

Solubility in Water: Infinite

Shelf Life: 2 years

DOT Class 8, II: Corrosive

CORROSIVE

ACS GRADE		
S25838	2.5L	36.25
ACS GRADE - SAFE-COTE		
S25358	500mL	17.75
S25838A	2.5L	60.75

Hydrogen Peroxide, 30% SolutionHydrogen Dioxide; H₂O₂

F.W. 34.01

CAS: 7722-84-1

Color: Clear, colorless

Solubility in Water: Soluble

Shelf Life: 1 year

DOT Class 5.1 (8), II: Oxidizer

REACTIVE & OXIDIZING

30%		
S25360	500mL	30.25

Hydrogen PeroxideHydrogen Dioxide; H₂O₂

Color: Clear, colorless

Solubility in Water: Soluble

Shelf Life: 1 year

MODERATE HAZARD

LAB GRADE - 3% SOLUTION		
S25359	500mL	6.00
S25359A	3.785L	20.00
LAB GRADE - 6% SOLUTION		
S25361A	500mL	9.00
LAB GRADE - 6% SOLUTION - STABILIZED		
S25361	500mL	13.00

Hydroquinone Crystals1,4-Benzenediol; C₆H₄-1,4-(OH)₂

F.W. 110.11

CAS: 123-31-9

Color: White to off-white

Solubility in Water: Soluble

Shelf Life: 2 years

DOT Class 9, III: Miscellaneous

HEALTH HAZARD

LAB GRADE		
S25362	500g	30.25

Indigo CarmineCarmine Blue (Biological Stain); C₁₆H₈N₂Na₂O₆S₂

F.W. 466.36

CAS: 860-22-0

Color: Dark blue

Solubility in Water: Slightly soluble in water

Shelf Life: 5 years

MODERATE HAZARD

SOLID		
S25364	5g	8.30

Invertase

Yeast Enzyme

CAS: 9001-57-4

Color: White to tan

Solubility in Water: Soluble in water

Shelf Life: 5 years

MODERATE HAZARD

POWDER		
S25365	10g	16.25

Iron Metal Powder

Iron Dust; Fe

F.W. 55.85

CAS: 7439-89-6

Color: Black to gray

Solubility in Water: Insoluble in water

Shelf Life: 5 years

DOT Class 4.1, II: Flammable Solid

FLAMMABLE

POWDER		
S25370	100g	9.80
S25370A	500g	8.85
S25370B	2.5kg	28.50

Iron Filings

Iron Powder; Fe

F.W. 55.85

CAS: 7439-89-6

Color: Black to gray

Solubility in Water: Insoluble in water

Shelf Life: 5 years

DOT Class 4.1, II: Flammable Solid

FLAMMABLE

FINE		
S25369	100g	6.20
S25369A	500g	7.05
LAB GRADE - FINE		
S25369B	500g	8.10

Chemicals are educational grade and are intended for teaching use only.
Not approved for clinical use.

Isobutyl Alcohol2-Methyl-1-Propanol; (CH₃)₂CHCH₂OH

F.W. 74.12

CAS: 78-83-1

FLAMMABLE

Color: Colorless

Solubility in Water: Partly soluble in water

Shelf Life: 5 years

DOT Class 3, III: *Flammable Liquid*

REAGENT GRADE		
S25703	500mL	21.00

Isopentyl AlcoholIsoamyl Alcohol; (CH₃)₂CHCH₂CH₂OH

F.W. 88.15

CAS: 123-51-3

FLAMMABLE

Color: Colorless

Solubility in Water: Slightly soluble in water

Shelf Life: 2 years

DOT Class 3, III: *Flammable Liquid*

REAGENT GRADE		
S25710	100mL	17.25
S25710A	500mL	38.25

Isopropyl AlcoholRubbing Alcohol; (CH₃)₂CHOH

Color: Clear, colorless

Solubility in Water: Infinite

Shelf Life: 5 years

DOT Class 3, II: *Flammable Liquid***FLAMMABLE**

70%		
S25371	500mL	18.50
S25371A	4L	80.00
99%		
S25372	500mL	19.25
S25372A	3.785L	86.50

Isovaleric AcidIsopentanoic Acid; (CH₃)₂CHCH₂COOH

F.W. 102.07

CAS: 503-74-2

CORROSIVE

Color: Colorless

Solubility in Water: Soluble in water

Shelf Life: 2 years

DOT Class 8, II: *Corrosive*

SOLUTION		
S25713	25mL	21.00

Kerosene

Lamp Oil

CAS: 8008-20-6

Color: Clear, colorless

Solubility in Water: Insoluble in water

Shelf Life: 5 years

DOT Class 3, III: *Flammable Liquid***FLAMMABLE**

SOLUTION		
S25373	500mL	11.00

Lactic Acid, 85%2-Hydroxypropanoic Acid; CH₃CHOHCOOH

F.W. 90.08

CAS: 50-21-5

CORROSIVE

Solubility in Water: Soluble in water

Shelf Life: 2 years

DOT Class 8, III: *Corrosive*

85%		
S25374	100mL	12.00

Lactose, MonohydrateMilk Sugar, Monohydrate; C₁₂H₂₂O₁₁·H₂O

F.W. 360.32

CAS: 64044-51-5

MODERATE HAZARD

Color: White

Solubility in Water: Soluble in water

Shelf Life: 5 years

LAB GRADE		
S25375	100g	8.45
S25375A	500g	15.50

Lanolin, Anhydrous

Wool Fat

CAS: 8006-54-0

MODERATE HAZARD

Color: Yellow

Solubility in Water: Soluble

Shelf Life: 5 years

SOLID		
S25376	100g	17.25

Lanthanum NitrateLanthanum (III) Nitrate; La(NO₃)₃·5H₂O

F.W. 415.01

CAS: 15878-72-5

REACTIVE & OXIDIZING

Color: White

Solubility in Water: Soluble

Shelf Life: 2 years

CRYSTALS		
S25745	25g	33.00
S25745A	100g	108.00

Lauric AcidDodecanoic Acid; CH₃(CH₂)₁₀COOH

F.W. 200.32

CAS: 143-07-7

MODERATE HAZARD

Color: White

Solubility in Water: Insoluble

Shelf Life: 5 years

REAGENT GRADE - FLAKES		
S25377	100g	11.25
S25377A	500g	18.00

Lead

Lead Metal; Pb

F.W. 207.2

CAS: 7439-92-1

MODERATE HAZARD

Color: Bluish white/silvery gray

Solubility in Water: Insoluble

Shelf Life: 5 years

SHEET - 12 x 12 x 0.6"		
S25383A***	Ea.	31.75

Lead Acetate, TrihydrateLead Sugar; Pb(C₂H₃O₂)₂·3H₂O

F.W. 379.33

CAS: 6080-56-4

HEALTH HAZARD

Color: White

Solubility in Water: Soluble

Shelf Life: 1 year

DOT Class 6.1, III: *Poison*

POWDER		
S25378	100g	12.00
S25378A	500g	21.25

Lead ChlorideLead Dichloride; PbCl₂

F.W. 278.11

CAS: 7758-95-4

HEALTH HAZARD

Color: White to off-white

Solubility in Water: Slightly soluble

Shelf Life: 5 years

DOT Class 6.1, III: *Poison*

REAGENT GRADE - POWDER		
S25379	100g	18.75
S25379A	500g	37.75

Lead NitrateLead Dinitrate; Pb(NO₃)₂

F.W. 331.20

CAS: 10099-74-8

REACTIVE & OXIDIZING

Color: White

Solubility in Water: Soluble

Shelf Life: 5 years

DOT Class 5.1(6.1), II: *Oxidizer*

LAB GRADE - CRYSTALS		
S25381	500g	21.75
REAGENT GRADE - CRYSTALS		
S25382	100g	9.00
S25382A	2.5kg	77.00

Lead Nitrate Solution, 0.1M

Color: Clear

Solubility in Water: Soluble in water

MODERATE HAZARD

0.1M		
S25858	500mL	8.05

* California - WARNING: Cancer www.P65Warnings.ca.gov** California - WARNING: Reproductive Harm www.P65Warnings.ca.gov*** California - WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

Lead Nitrate Solution, 1M

Color: Clear, colorless
Solubility in Water: Soluble
Shelf Life: 2 years
DOT Class 5.1(6.1), II: Oxidizer

REACTIVE & OXIDIZING

1M		
S25383	500mL	8.35

Lemon Juice

Color: Clear to yellowish
Solubility in Water: Soluble
Shelf Life: 2 years

MODERATE HAZARD

SOLUTION		
S25385	500mL	7.15

Licorice Extract

Glycyrrhiza Extract
Color: Brown
Solubility in Water: Soluble in hot water
Shelf Life: 2 years

MODERATE HAZARD

POWDER		
S25740	25g	5.30
S25740A	100g	13.25

Lime Water

Color: Colorless
Solubility in Water: Soluble
Shelf Life: 2 years

MODERATE HAZARD

SOLUTION		
S25386	500mL	4.95
S25386A	3.785L	12.25

Linseed Oil, Boiled

Flaxseed Oil
CAS: 8001-26-1
Color: Yellow to brown
Solubility in Water: Insoluble
Shelf Life: 5 years

MODERATE HAZARD

SOLUTION		
S25387	500mL	20.50

Lipase Powder

Triacylglycerol Hydrolase
CAS: 9001-62-1
Color: Beige
Solubility in Water: Soluble
Shelf Life: 5 years

MODERATE HAZARD

POWDER		
S25731	25g	21.25
S25731A	100g	59.25

Lithium Carbonate

Carbonic Acid Dilithium Salt; Li₂CO₃
F.W. 73.89
CAS: 554-13-2
Color: White
Solubility in Water: Soluble
Shelf Life: 1 year

MODERATE HAZARD

LAB GRADE		
S25388**	100g	21.50
REAGENT GRADE		
S25388A**	100g	21.50

Lithium Chloride

Lithium Monochloride; LiCl
F.W. 42.39
CAS: 7447-41-8
Color: White
Solubility in Water: Soluble
Shelf Life: 1 year

MODERATE HAZARD

LAB GRADE		
S25389A	100g	20.00
REAGENT GRADE		
S25389	100g	16.00
S25389B	500g	48.25

Lithium Chloride Solution, 1M

Color: White
Solubility in Water: Soluble
Shelf Life: 1 year

MODERATE HAZARD

1M		
S25390	500mL	7.50

Lithium Nitrate

Nitric Acid, Lithium Salt; LiNO₃
F.W. 68.95
CAS: 7790-69-4
Color: White
Solubility in Water: Soluble
Shelf Life: 2 years
DOT Class 5.1, III: Oxidizer

REACTIVE & OXIDIZING

REAGENT GRADE		
S25392	100g	21.50
S25392A	500g	69.00

Litmus

CAS: 1393-92-6
Color: Blue
Solubility in Water: Soluble
Shelf Life: 5 years

MODERATE HAZARD

POWDER		
S25747A	25g	20.25

Litmus Solution, 0.5%

Color: Blue
Solubility in Water: Soluble
Shelf Life: 5 years

MODERATE HAZARD

0.5%		
S25749	500mL	18.00

Loading Dye 10X

Color: Clear Blue
Solubility in Water: Soluble
Shelf Life: 2 years

MODERATE HAZARD

SOLUTION		
S25393	5mL	13.50

Luminol

3-Aminophthalhydrazide.; C₈H₇N₃O₂
F.W. 177.17
CAS: 521-31-3
Color: Yellow
Solubility in Water: Insoluble
Shelf Life: 1 year

MODERATE HAZARD

SOLID		
S25395A	1g	10.75
S25395	5g	28.75

Lycopodium

Club Moss Spores
CAS: 8023-70-9
Color: Off-white
Solubility in Water: Insoluble
Shelf Life: 5 years
DOT Class 4.1, III: Flammable Solid

FLAMMABLE

SOLID		
S25396	25g	11.25
S25396A	100g	27.50
S25396B	500g	108.00

Lysozyme

CAS: 12650-88-3
Color: White
Shelf Life: 2 years

MODERATE HAZARD

SOLID		
S25750	1g	42.25

Magnesium Bromide, Hexahydrate

MgBr₂·6H₂O
F.W. 292.25
CAS: 13446-53-2

MODERATE HAZARD

Color: White
Solubility in Water: Soluble
Shelf Life: 2 years

LAB GRADE		
S25398	100g	23.00
S25398A	500g	57.75

Chemicals are educational grade and are intended for teaching use only.
 Not approved for clinical use.

* California - WARNING: Cancer www.P65Warnings.ca.gov
 ** California - WARNING: Reproductive Harm www.P65Warnings.ca.gov
 *** California - WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

Magnesium Carbonate, PentahydrateMagnesite; $4\text{Mg}(\text{CO}_3)\cdot\text{Mg}(\text{OH})_2\cdot 5\text{H}_2\text{O}$

CAS: 39409-82-0

Color: White

Solubility in Water: Insoluble in water

Shelf Life: 5 years

MODERATE HAZARD

LAB GRADE		
S25400	100g	4.40
REAGENT GRADE		
S25399	100g	4.80
S25399A	500g	22.75

Magnesium Chloride, HexahydrateMagnesia Dichloride Hexahydrate; $\text{MgCl}_2\cdot 6\text{H}_2\text{O}$

F.W. 203.33

CAS: 7791-18-6

Color: White to slightly gray

Solubility in Water: Soluble

Shelf Life: 1 year

MODERATE HAZARD

LAB GRADE		
S25403	500g	13.00
REAGENT GRADE		
S25401	100g	11.00
S25401A	500g	18.75

Magnesium HydroxideMilk of Magnesia; $\text{Mg}(\text{OH})_2$

F.W. 58.33

CAS: 1309-42-8

Color: White

Solubility in Water: Insoluble

Shelf Life: 5 years

MODERATE HAZARD

LAB GRADE		
S25406	100g	2.60
S25406A	500g	18.75

Magnesium Metal

Mg

F.W. 24.31

CAS: 7439-95-4

Color: Silver White

Solubility in Water: Insoluble in water

Shelf Life: 5 years

DOT Class 4.1, III: Flammable Solid

FLAMMABLE

LAB GRADE - RIBBON		
S25397	50g	14.50
TURNINGS		
S25397A	2.5g	12.25
S25411	25g	13.50
S25411A	100g	19.00
S25411B	500g	59.50

Magnesium Nitrate, Hexahydrate $\text{Mg}(\text{NO}_3)_2\cdot 6\text{H}_2\text{O}$

F.W. 256.43

CAS: 13446-18-9

Color: White

Solubility in Water: Soluble

Shelf Life: 2 years

DOT Class 5.1, III: Oxidizer

REACTIVE & OXIDIZING

LAB GRADE		
S25412A	500g	14.00
REAGENT GRADE		
S25412	100g	8.70

Magnesium Oxide

Magnesia; MgO

F.W. 40.3

CAS: 1309-48-4

Color: Silver white

Solubility in Water: Slightly

Shelf Life: 2 years

MODERATE HAZARD

REAGENT GRADE		
S25413	100g	11.25

Magnesium Powder

Mg

F.W. 24.31

CAS: 7439-95-4

Color: Silver white

Solubility in Water: Insoluble

Shelf Life: 5 years

DOT Class 4.3, 4.2, II: Spontaneously Combustible; Dangerous When Wet

FLAMMABLE

LAB GRADE		
S25409	25g	8.90
S25407	100g	18.00
REAGENT GRADE		
S25409B	500g	51.25

Magnesium Sulfate, AnhydrousBitter Salt; MgSO_4

F.W. 120.37

CAS: 7487-88-9

Color: Off-white

Solubility in Water: Soluble

Shelf Life: 1 year

MODERATE HAZARD

SOLID		
S25414B	500g	40.50

Magnesium Sulfate, HeptahydrateEpsom Salts, Heptahydrate; $\text{MgSO}_4\cdot 7\text{H}_2\text{O}$

F.W. 246.50

CAS: 10034-99-8

Color: Colorless

Solubility in Water: Soluble

Shelf Life: 1 year

MODERATE HAZARD

SOLID		
S25414	500g	24.00
S25414A	2.5kg	24.50

Maleic AcidButenedioic Acid; $\text{HO}_2\text{CCH}:\text{CHCO}_2\text{H}$

F.W. 116.07

CAS: 110-16-7

Color: White

Solubility in Water: Soluble

Shelf Life: 5 years

DOT Class 8, III: Corrosive

CORROSIVE

SOLID		
S25415	200g	23.25
S25415A	250g	23.50

Malonic AcidCarboxyacetic Acid; $\text{HO}_2\text{CCH}_2\text{CO}_2\text{H}$

F.W. 104.06

CAS: 141-82-2

Color: White

Solubility in Water: Soluble

Shelf Life: 5 years

MODERATE HAZARD

SOLID		
S25416	25g	11.25
S25416A	100g	105.00

Maltose, Monohydrate $\text{C}_{12}\text{H}_{22}\text{O}_{11}\cdot \text{H}_2\text{O}$

F.W. 360.32

CAS: 6363-53-7

Color: White/colorless

Solubility in Water: Soluble

Shelf Life: 5 years

MODERATE HAZARD

SOLID		
S25417	100g	9.95

Manganese DioxideManganese (IV) Oxide; MnO_2

F.W. 86.94

CAS: 1313-13-9

Color: Black

Solubility in Water: Insoluble

Shelf Life: 5 years

DOT Class 5.1, II: Oxidizer

REACTIVE & OXIDIZING

LAB GRADE		
S25420	100g	14.75
S25420A	500g	10.25

Manganese Nitrate Solution, 50%

Manganous Nitrate Solution

Color: Clear, reddish-orange

Solubility in Water: Complete

Shelf Life: 2 years

DOT Class 5.1 (8), III: Oxidizer

REACTIVE & OXIDIZING

50%		
S25421	100mL	7.35
S25421A	500mL	26.50

Manganous Chloride, TetrahydrateManganese (II) Chloride Tetrahydrate; $MnCl_2 \cdot 4H_2O$

F.W. 197.91

CAS: 13446-34-9

Color: Pink

Solubility in Water: Soluble

Shelf Life: 1 year

MODERATE HAZARD

REAGENT GRADE

S25418	100g	12.00
---------------	------	-------

Manganous SulfateManganese (II) Sulfate Monohydrate; $MnSO_4 \cdot H_2O$

F.W. 169.01

CAS: 10034-96-5

Color: Light red

Solubility in Water: Soluble

Shelf Life: 2 years

MODERATE HAZARD

LAB GRADE

S25422	500g	28.25
---------------	------	-------

MentholP-Menthan-3-ol; $C_{10}H_{20}O$

F.W. 156.26

CAS: 89-78-1

Color: White

Solubility in Water: Soluble in alcohol, chloroform, ether

Shelf Life: 5 years

MODERATE HAZARD

SOLID

S25751	25g	11.75
---------------	-----	-------

S25751A	100g	48.25
----------------	------	-------

Mercuric ChlorideMercury (II) Chloride; $HgCl_2$

F.W. 271.50

CAS: 7487-94-7

Color: White

Solubility in Water: Soluble

Shelf Life: 5 years

DOT Class 6.1, II: *Poison*

HEALTH HAZARD

ACS GRADE - CRYSTALS

S25423**	100g	41.00
-----------------	------	-------

Mercuric IodideMercury (II) Iodide; HgI_2

F.W. 454.40

CAS: 7774-29-0

Color: Red

Solubility in Water: Insoluble

Shelf Life: 5 years

DOT Class 6.1, II: *Poison*

HEALTH HAZARD

ACS GRADE

S25424**	25g	16.50
-----------------	-----	-------

Mercuric OxideYellow Oxide of Mercury; HgO

F.W. 216.59

CAS: 21908-53-2

Color: Yellow to orange-yellow

Solubility in Water: Insoluble

Shelf Life: 5 years

DOT Class 6.1, II: *Poison*

HEALTH HAZARD

ACS GRADE

S25425**	25g	10.75
-----------------	-----	-------

MethanolMethyl Alcohol; CH_3OH

F.W. 32.04

CAS: 67-56-1

Color: Clear, colorless

Solubility in Water: Miscible in water

Shelf Life: 2 years

DOT Class 3, II: *Flammable Liquid*

FLAMMABLE

LAB GRADE

S25426A**	4L	25.50
------------------	----	-------

REAGENT GRADE

S25426**	500mL	12.50
-----------------	-------	-------

Methyl Cellulose

Cellulose Methylate

CAS: 9004-67-5

Color: White to off-white

Solubility in Water: Soluble

Shelf Life: 2 years

MODERATE HAZARD

SOLID

S25427	100g	17.25
---------------	------	-------

Methyl Cellulose Solution, 1.5%

Color: Clear, Colorless

Solubility in Water: Soluble

Shelf Life: 2 years

MODERATE HAZARD

1.5%

S25428	20mL	14.50
---------------	------	-------

Methyl Orange IndicatorOrange III; $C_{14}H_{13}N_3O_3SNa$

F.W. 327.34

CAS: 547-58-0

Color: Orange

Solubility in Water: Soluble

Shelf Life: 5 years

DOT Class 6.1, III: *Poison*

HEALTH HAZARD

REAGENT GRADE

S25433A	25g	12.00
----------------	-----	-------

Methyl Red IndicatorSodium Salt; $C_{15}H_{14}N_2O_2Na$

F.W. 291.28

CAS: 845-10-3

Color: Orange

Solubility in Water: Soluble

Shelf Life: 5 years

MODERATE HAZARD

SOLID

S25434	10g	11.25
---------------	-----	-------

S25434A	25g	21.75
----------------	-----	-------

Methyl Red Indicator Solution, 0.02%

Color: Orange

Solubility in Water: Soluble

Shelf Life: 18 months

DOT Class 3, II: *Flammable Liquid*

FLAMMABLE

0.02%

S25435	500mL	7.75
---------------	-------	------

Methyl SalicylateWintergreen Oil; $C_8H_8O_3$

F.W. 152.15

CAS: 119-36-8

Color: Colorless to yellow-red

Solubility in Water: Slightly soluble in water

Shelf Life: 5 years

MODERATE HAZARD

SOLUTION

S25437	100mL	15.50
---------------	-------	-------

Methyl VioletMethyl Violet 2B; $C_{24}H_{26}ClN_3$

F.W. 393.94

CAS: 8004-87-3

Color: Blue-green

Solubility in Water: Soluble in water

Shelf Life: 5 years

MODERATE HAZARD

SOLID

S25436	10g	6.85
---------------	-----	------

S25436A	25g	14.25
----------------	-----	-------

Methylene BlueMethylene Blue Chloride; $C_{16}H_{18}ClN_3S \cdot 3H_2O$

F.W. 373.90

CAS: 7220-79-3

Color: Dark green

Solubility in Water: Soluble

Shelf Life: 5 years

MODERATE HAZARD

SOLID

S25429	10g	11.75
---------------	-----	-------

S25429A	25g	17.00
----------------	-----	-------

Chemicals are educational grade and are intended for teaching use only.
Not approved for clinical use.



* California - WARNING: Cancer www.P65Warnings.ca.gov

** California - WARNING: Reproductive Harm www.P65Warnings.ca.gov

*** California - WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

Methylene Blue, 0.004MMethylene Blue Chloride; $C_{16}H_{18}ClN_3S \cdot 3H_2O$

CAS: 7440-66-6, 722-79-3

Color: Blue

Solubility in Water: Soluble

Shelf Life: 24 months

DOT Class 3, II: *Flammable Liquid***FLAMMABLE****LIQUID**

S25836	30mL	12.75
--------	------	-------

Methylene Blue (Loeffler's)

Color: Blue

Solubility in Water: Soluble

Shelf Life: 2 years

DOT Class 3, II: *Flammable Liquid***FLAMMABLE****SOLUTION**

S25432	500mL	15.75
--------	-------	-------

Methylene Blue Solution, 1%

Color: Dark blue

Solubility in Water: Soluble

Shelf Life: 18 months

MODERATE HAZARD**1%**

S25430	15mL	5.05
S25431	100mL	5.50
S25431A	500mL	11.00

Mineral Oil

Bath Oil

CAS: 8042-47-5

Color: White

Solubility in Water: Insoluble

Shelf Life: 5 years

MODERATE HAZARD**HEAVY**

S25440	500mL	16.00
--------	-------	-------

LIGHT

S25439	500mL	10.50
S25439A	4L	53.25

Molasses

Color: Brown

Shelf Life: 2 years

Not suitable for human consumption.

MODERATE HAZARD**SOLUTION**

S25753	300mL	7.65
--------	-------	------

Molisch Reagent

Color: Colorless

Solubility in Water: Infinite

Shelf Life: 2 years

DOT Class 3, II: *Flammable Liquid***FLAMMABLE****SOLUTION**

S25754	100mL	13.00
--------	-------	-------

Molybdenum (IV) OxideMolybdenum Trioxide; MoO_3

F.W. 143.94

CAS: 18868-43-4

Color: Gray

Shelf Life: 2 years

DOT Class 6.1, III: *Poison***HEALTH HAZARD****SOLID**

S25755	10g	25.00
--------	-----	-------

NaphthaleneTar Camphor; $C_{10}H_8$

F.W. 128.17

CAS: 91-20-3

Color: White

Solubility in Water: Insoluble

Shelf Life: 2 years

DOT Class 4.1, III: *Flammable Solid***FLAMMABLE****REAGENT GRADE**

S25441*	100g	8.80
S25441A*	500g	21.75

Nickel

Nickel Metal Shot; Ni

F.W. 58.69

CAS: 7440-02-0

Color: White to gray-white

Shelf Life: 5 years

MODERATE HAZARD**SOLID**

S25444*	50g	16.50
S25444A*	500g	92.00

Nickel (II) Chloride, HexahydrateNickel Dichloride; $NiCl_2 \cdot 6H_2O$

F.W. 237.72

CAS: 7791-20-0

Color: Green

Solubility in Water: Soluble

Shelf Life: 1 year

DOT Class 6.1, III: *Poison***HEALTH HAZARD****REAGENT GRADE**

S25442*	100g	20.75
S25442A*	500g	89.00

Nickel (II) Nitrate, HexahydrateNickelous Nitrate Hexahydrate; $Ni(NO_3)_2 \cdot 6H_2O$

F.W. 290.82

CAS: 13478-00-7

Color: Emerald green

Solubility in Water: Soluble

Shelf Life: 1 year

DOT Class 5.1, III: *Oxidizer***REACTIVE & OXIDIZING****REAGENT GRADE**

S25443	100g	15.25
S25443A	500g	48.25

Nickel (II) Sulfate, HexahydrateNickelous Sulfate Crystal; $NiSO_4 \cdot 6H_2O$

F.W. 262.87

CAS: 10101-97-0

Color: Blue-green

Solubility in Water: Soluble

Shelf Life: 5 years

DOT Class 6.1, III: *Poison***HEALTH HAZARD****REAGENT GRADE**

S25445	100g	18.75
S25445A	500g	55.75

Nigrosin Saturated Aqueous Solution

Nigrosine Biological Stain

Color: Dark blue-violet

Solubility in Water: Infinite

Shelf Life: 5 years

MODERATE HAZARD**SOLUTION**

S25447	100mL	14.50
--------	-------	-------

Ninhydrin1,2,3-Indantrione Monohydrate; $C_8H_7 \cdot 1,2(CO)_2CO \cdot H_2O$

F.W. 178.14

CAS: 485-47-2

Color: Slightly yellow

Solubility in Water: Soluble

Shelf Life: 5 years

MODERATE HAZARD**SOLID**

S25448	10g	19.00
--------	-----	-------

Nitric Acid Solution, 1M/3M

Color: Clear to yellow

Solubility in Water: Soluble in water

Shelf Life: 2 years

DOT Class 8, II: *Corrosive***CORROSIVE****1M**

S25449B	500mL	7.45
---------	-------	------

3M

S25860	500mL	8.25
--------	-------	------

Nitric Acid Solution, 6M

Color: Clear to yellow

Solubility in Water: Soluble in water

Shelf Life: 2 years

DOT Class 8, II: *Corrosive***CORROSIVE****6M**

S25449A	500mL	25.50
---------	-------	-------

* California - WARNING: Cancer www.P65Warnings.ca.gov** California - WARNING: Reproductive Harm www.P65Warnings.ca.gov*** California - WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

Peptone

CAS: 73049-73-7

Color: Yellow

Solubility in Water: Soluble in water

Shelf Life: 5 years

MODERATE HAZARD

SOLID		
S25761A	100g	15.25
S25761B	500g	59.75

Petrolatum

Petroleum Jelly

CAS: 8009-03-8

Color: White to yellow

Solubility in Water: Insoluble

Shelf Life: 5 years

MODERATE HAZARD

SOLID		
S25460	500g	14.25

Petroleum Ether

Ligroine

CAS: 8032-32-4

Color: Clear

Solubility in Water: Insoluble

Shelf Life: 5 years

DOT Class 3, II: *Flammable Liquid*

FLAMMABLE

ACS GRADE		
S25461	100mL	10.00
S25461A	500mL	14.75

pH Buffer Solutions (pH 1 to pH 12)

Color: Clear, colorless

Solubility in Water: Infinite

Shelf Life: 2 years

MODERATE HAZARD

pH 1		
S25208	500mL	16.25
pH 2		
S25208A	500mL	15.50
pH 3		
S25208B	500mL	15.50
pH 4		
S25208C	500mL	15.50
pH 5		
S25208D	500mL	15.50
pH 6		
S25208E	500mL	15.50
pH 7		
S25208F	500mL	15.50
pH 8		
S25208G	500mL	15.50
pH 9		
S25208H	500mL	15.50
pH 10		
S25208I	500mL	15.50
pH 11		
S25208J	500mL	15.50
pH 12		
S25208K	500mL	15.50

pH Buffer Solutions (pH 4.00, pH 7.00, pH 10.00)

Color: Yellow

Solubility in Water: Infinite

Moderate Hazard

MODERATE HAZARD

pH 4.0: RED		
S25849A	500mL	7.55
pH 7.0: YELLOW		
S25849B	500mL	7.55
pH 10.0: BLUE		
S25849	500mL	7.55

1,10-Phenanthroline Monohydrate

C₁₂H₈N₂ · H₂O

F.W. 198.21

CAS: 5144-89-8

Color: White

Solubility in Water: Soluble

Shelf Life: 2 years

DOT Class 6.1, III: *Poison*

HEALTH HAZARD

REAGENT GRADE

S25461C	5g	61.00
---------	----	-------

Phenol

Carbolic Acid; C₆H₅OH

F.W. 94.11

CAS: 108-95-2

Color: Colorless

Solubility in Water: Soluble

Shelf Life: 1 year

DOT Class 6.1, II: *Poison*

HEALTH HAZARD

LAB GRADE

S25462	100g	32.75
S25462A	500g	91.00

Phenol Solution

Color: Colorless

Solubility in Water: Soluble

Shelf Life: 1 year

DOT Class 6.1, II: *Poison*

HEALTH HAZARD

SOLUTION

S25463	100mL	19.00
--------	-------	-------

Phenol Red Indicator

Phenolsulfonephthalein Sodium; C₁₉H₁₃NaO₅S

F.W. 376.36

CAS: 34487-61-1

Color: Red

Solubility in Water: Soluble

Shelf Life: 5 years

MODERATE HAZARD

ACS GRADE

S25465	10g	18.50
--------	-----	-------

Phenol Red Indicator Solution, 0.02% w/v

Color: Red

Solubility in Water: Soluble

Shelf Life: 18 months

MODERATE HAZARD

0.02%		
S25464	100mL	2.40
S25464A	500mL	11.25

Phenolphthalein in IPA Solution

Color: Clear, colorless to slight pink

Solubility in Water: Infinite

Shelf Life: 2 years

DOT Class 3, II: *Flammable Liquid*

FLAMMABLE

0.5%		
S25468A***	100mL	3.45
S25468***	500mL	7.85
1%		
S25467***	100mL	5.45
S25467A***	500mL	7.80

Phenolphthalein Indicator

3,3-Bis(4-Hydroxyphenyl)-1(3H)-Isobenzofuranone; C₂₀H₁₄O₄

F.W. 318.33

CAS: 77-09-8

Color: Off-white

Solubility in Water: Insoluble in water

Shelf Life: 5 years

MODERATE HAZARD

REAGENT GRADE - POWDER

S25466*	25g	9.00
S25466A*	100g	19.75

Phenyl Salicylate

Salol; 2-HOC₆H₄-1-CO₂C₆H₅

F.W. 214.22

CAS: 118-55-8

Color: White

Solubility in Water: Insoluble

Shelf Life: 5 years

MODERATE HAZARD

SOLID

S25469	100g	14.75
S25469A	500g	63.50

Phosphate Buffer Solution, 0.1M

Color: Clear, colorless

Solubility in Water: Infinite

Shelf Life: 2 years

MODERATE HAZARD

0.1M

S25472	60mL	5.40
--------	------	------



* California - WARNING: Cancer www.P65Warnings.ca.gov

** California - WARNING: Reproductive Harm www.P65Warnings.ca.gov

*** California - WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

o-Phosphoric Acid Solution, 85%Orthophosphoric acid; H₃P₀4;

F.W. 98

CAS: 7664-38-2

Color: Clear, colorless

Solubility in Water: Complete

Shelf Life: 2 years

DOT Class 8, III: Corrosive

ACS GRADE		
S25470	100mL	15.00
S25470A	1L	63.25
REAGENT GRADE		
S25470B	2.5L	75.00

CORROSIVE**Polysnow**

Sodium Polyacrylic

CAS: 9033-79-8

Color: White

Solubility in Water: Soluble

Shelf Life: 2 years

SOLID		
S25774A	100g	16.00

MODERATE HAZARD**Polyvinyl Alcohol**Ethenol; [CH₂CH(OH)]_n

F.W. 165.00

CAS: 9002-89-5

Color: White

Solubility in Water: Soluble

Shelf Life: 5 years

LAB GRADE		
S25473	25g	9.10
S25473A	100g	14.00
S25473B	500g	28.50

THICK GEL - 4% SOLUTION

S25474	100mL	20.75
--------	-------	-------

MODERATE HAZARD**Potassium Bicarbonate**Baking Soda; KHCO₃

F.W. 100.12

CAS: 298-14-6

Color: White

Solubility in Water: Soluble

Shelf Life: 1 year

REAGENT GRADE		
S25475	100g	9.10
S25475A	500g	18.00

MODERATE HAZARD**Potassium Bisulfate**Potassium Hydrogen Sulfate; KHSO₄

F.W. 136.17

CAS: 7646-93-7

Color: White

Solubility in Water: Soluble

Shelf Life: 1 year

DOT Class 8, II: Corrosive

SOLID		
S25476	100g	13.50

CORROSIVE**Potassium Bitartrate**Cream of Tartar; KHC₄H₄O₆

F.W. 188.18

CAS: 868-14-4

Color: White

Solubility in Water: Partially

Shelf Life: 5 years

REAGENT GRADE		
S25477	100g	10.50
S25477A	500g	23.25

MODERATE HAZARD**Potassium Bromide**

Hydrobromic Acid Potassium Salt; KBr

F.W. 119.02

CAS: 7758-02-3

Color: White

Solubility in Water: Soluble

Shelf Life: 2 years

REAGENT GRADE		
S25478	500g	24.50

MODERATE HAZARD**Potassium Carbonate, Anhydrous**Dipotassium Salt Of Carbonic Acid; K₂CO₃

F.W. 138.21

CAS: 584-08-7

Color: White

Solubility in Water: Soluble

Shelf Life: 1 year

LAB GRADE		
S25480	500g	15.50

MODERATE HAZARD**Potassium Carbonate, Sesquihydrate**Pearl Ash; K₂CO₃ · 1.5H₂O

F.W. 165.245q

CAS: 6381-79-9

Color: White

Solubility in Water: Soluble

Shelf Life: 5 years

SOLID		
S25479	500g	41.00

MODERATE HAZARD**Potassium Chlorate**Salt of Tartar; KClO₃

F.W. 122.55

CAS: 3811-04-9

Color: White

Shelf Life: 5 years

DOT Class 5.1, II: Oxidizer

LAB GRADE		
S25482	100g	9.35
S25482A	500g	19.75

REACTIVE & OXIDIZING**Potassium Chloride**

KCl

F.W. 74.56

CAS: 7447-40-7

Color: White

Solubility in Water: Partially soluble

Shelf Life: 2 years

REAGENT GRADE		
S25484	100g	5.85
S25484A	500g	11.75

MODERATE HAZARD**Potassium Chloride Solutions**

Color: Clear

Solubility in Water: Infinite

0.1M		
S25861	500mL	7.90
4M		
S25485	500mL	7.80

MODERATE HAZARD**Potassium Chromate**Chromic Acid; K₂CrO₄

F.W. 194.20

CAS: 7789-00-6

Color: Yellow

Solubility in Water: Soluble in water

Shelf Life: 5 years

DOT Class 6.1 (5.1), II: Poison

LAB GRADE		
S25486A***	500g	58.75
REAGENT GRADE		
S25486***	100g	14.50
S25486B***	500g	33.50

REACTIVE & OXIDIZING**Potassium Chromate Solution, 0.1M**

Indicator for Chloride Determination

Color: Yellow

Solubility in Water: Soluble in water

0.1M		
S25862***	500mL	6.85

MODERATE HAZARD**Potassium Dichromate**Potassium Bichromate; K₂Cr₂O₇

F.W. 294.19

CAS: 7778-50-9

Color: Orange

Solubility in Water: Soluble

Shelf Life: 5 years

DOT Class 6.1, I: Poison

REAGENT GRADE		
S25487***	100g	15.25
S25487A***	500g	37.25

REACTIVE & OXIDIZING

Chemicals are educational grade and are intended for teaching use only.
Not approved for clinical use.

* California - WARNING: Cancer www.P65Warnings.ca.gov** California - WARNING: Reproductive Harm www.P65Warnings.ca.gov*** California - WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

Potassium Ferricyanide

Potassium Prussiate; $K_3Fe(CN)_6$
FW: 329.26
CAS: 13746-66-2
Color: Orange/red
Solubility in Water: Partly soluble in water
Shelf Life: 1 year

MODERATE HAZARD

SOLID		
S25488	100g	11.75
S25488A	500g	35.50

Potassium Ferrocyanide, Trihydrate

Potassium Hexacyanoferrate (II) Trihydrate; $K_4Fe(CN)_6 \cdot 3H_2O$
FW: 422.41
CAS: 14459-95-1
Color: Yellow
Solubility in Water: Soluble in water
Shelf Life: 1 year

MODERATE HAZARD

SOLID		
S25489	100g	17.50
S25489A	500g	61.25

Potassium Hydrogen Phthalate

Potassium Acid Phthalate; $KHC_8H_4O_4$
FW: 204.23
CAS: 877-24-7
Color: White
Solubility in Water: Soluble
Shelf Life: 5 years

MODERATE HAZARD

SOLID		
S25490	100g	15.50

Potassium Hydroxide

Caustic Potash; KOH
FW: 56.11
CAS: 1310-58-3
Color: White
Solubility in Water: Soluble
Shelf Life: 2 years
DOT Class 8, II: Corrosive

CORROSIVE

REAGENT GRADE		
S25491	100g	9.50
S25491A	500g	28.00

Potassium Hydroxide Solution, 0.1M

Color: Clear
Solubility in Water: Soluble in water

MODERATE HAZARD

0.1M		
S25863	500mL	3.85

Potassium Iodate

Iodic Acid, potassium salt; KIO_3
FW: 214.00
CAS: 7758-05-6
Color: White
Solubility in Water: Soluble in water
Shelf Life: 5 years
DOT Class 5.1, II: Oxidizer

REACTIVE & OXIDIZING

LAB GRADE		
S25492B	500g	98.00
REAGENT GRADE		
S25492	25g	9.70
S25492A	100g	28.50

Potassium Iodide

KI
FW: 166.01
CAS: 7681-11-0
Color: White
Solubility in Water: Soluble
Shelf Life: 1 year

MODERATE HAZARD

LAB GRADE		
S25493C	100g	25.00
S25493D	500g	115.00
REAGENT GRADE		
S25493	25g	14.00
S25493A	100g	29.75
S25493B	500g	118.00

Potassium Iodide Solutions

Color: Clear
Solubility in Water: Infinite

MODERATE HAZARD

0.1M		
S25864	500mL	12.50
0.5M		
S25865	500mL	20.50

Potassium Nitrate

Saltpeper; KNO_3
FW: 101.11
CAS: 7757-79-1
Color: White
Shelf Life: 2 years
DOT Class 5.1, III: Oxidizer

REACTIVE & OXIDIZING

LAB GRADE		
S25494B	500g	8.05
REAGENT GRADE		
S25494	100g	8.85
S25494A	500g	18.00
S25494C	3kg	80.00

Potassium Nitrate Solution, 0.1M

Color: Clear
Solubility in Water: Infinite

MODERATE HAZARD

0.1M		
S25866	500mL	5.15

Potassium Nitrite

Nitrous Acid; KNO_2
FW: 85.11
CAS: 7758-09-0
Color: White/Pale-yellow
Solubility in Water: Soluble
Shelf Life: 2 years
DOT Class 5.1, II: Oxidizer

REACTIVE & OXIDIZING

REAGENT GRADE		
S25495	100g	26.75
S25495A	500g	114.00

Potassium Nitrite Solution, 1M

Color: Clear
Solubility in Water: Infinite

MODERATE HAZARD

1M		
S25867	100mL	12.00

Potassium Oxalate, Monohydrate

Oxalic Acid; $K_2C_2O_4 \cdot H_2O$
FW: 184.24
CAS: 6487-48-5
Color: White
Solubility in Water: Soluble
Shelf Life: 1 year
DOT Class 6.1, III: Poison

HEALTH HAZARD

LAB GRADE		
S25496	100g	11.75
S25496A	500g	22.75

Potassium Permanganate

Chameleon Mineral; $KMnO_4$
FW: 158.04
CAS: 7722-64-7
Color: Dark brown
Solubility in Water: soluble
Shelf Life: 5 years
DOT Class 5.1, II: Oxidizer

REACTIVE & OXIDIZING

REAGENT GRADE		
S25497	100g	9.10
S25497A	500g	28.50

Potassium Permanganate Solutions

Color: Purple
Solubility in Water: Infinite

MODERATE HAZARD

0.01M		
S25869	500mL	4.45
0.1M		
S25870	500mL	7.90
0.2M		
S25871	500mL	7.65

* California - WARNING: Cancer www.P65Warnings.ca.gov
 ** California - WARNING: Reproductive Harm www.P65Warnings.ca.gov
 *** California - WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

Rennin

Rennase
CAS: 9001-98-3
Color: Tan
Solubility in Water: Soluble in water
Shelf Life: 2 years

SOLID		
S25511	5g	61.00

MODERATE HAZARD

Resazurin

Biological Stain/Indicator; C₁₂H₆NO₄Na
FW: 251.17
CAS: 62758-13-8
Color: Black
Solubility in Water: Slightly
Shelf Life: 5 years

SOLID		
S25782	1g	20.50
SOLUTION - 1%		
S25783	20mL	7.55

MODERATE HAZARD

Resorcinol

1,3-Benzenediol; C₆H₄-1,3-(OH)₂
FW: 110.11
CAS: 108-46-3
Color: White
Solubility in Water: Soluble
Shelf Life: 5 years
DOT Class 6.1, III: Poison

POWDER		
S25784	25g	14.75
S25784A	100g	30.25

HEALTH HAZARD

Rhodamine B Staining Solution, 1%

Basic Violet 10
Color: Red
Solubility in Water: Soluble
Shelf Life: 2 years

1%		
S25786*	20mL	12.00

MODERATE HAZARD

Ringer's Solution

Physiological Saline
Color: Clear, colorless
Solubility in Water: Soluble in water
Shelf Life: 5 years

LIQUID - AMPHIBIAN		
S25512	500mL	10.25
LIQUID - MAMMALIAN		
S25513	500mL	8.60

MODERATE HAZARD

Rose Bengal

Acid Red 94; C₂₀H₂Cl₄Na₂O₅
FW: 1019.43
CAS: 632-69-9
Color: Red
Solubility in Water: Soluble
Shelf Life: 5 years

SOLID		
S25788	5g	73.00

MODERATE HAZARD

Rose Bengal Solution

Acid Red 94
Color: Pink
Solubility in Water: Soluble
Shelf Life: 2 years

SOLUTION		
S25789	100mL	21.75

MODERATE HAZARD

Safranin O

Basic Red 2; C₂₀H₄9ClN₄
FW: 350.85
CAS: 477-73-6
Color: Dark Red-brown
Solubility in Water: Soluble in water
Shelf Life: 5 years

SOLID		
S25514	25g	32.75

MODERATE HAZARD

Safranin Staining Solution, 1%

Color: Red-Orange
Solubility in Water: Infinite

1%		
S25873	500mL	29.00

MODERATE HAZARD

Salicylic Acid

o-Hydroxybenzoic Acid; 2-HOC₆H₄COOH
FW: 138.12
CAS: 69-72-7
Color: White
Solubility in Water: Soluble
Shelf Life: 5 years

LAB GRADE		
S25515	100g	8.50
S25515A	500g	23.00

MODERATE HAZARD

Sand, Ottawa

Quartz Silica
FW: 60.08
CAS: 14808-60-7
Color: White/beige
Solubility in Water: Insoluble
Shelf Life: 5 years

POWDER		
S25516*	500g	5.65
S25516B*	1kg	9.75
S25516A*	3kg	20.75

MODERATE HAZARD

Schiff Reagent

Color: Colorless
Solubility in Water: Soluble
Shelf Life: 2 years
 Test for aldehydes

SOLUTION		
S25794	500mL	18.25

MODERATE HAZARD

Sebacyl Chloride/Hexane Solution, 4% v/v

Color: Clear, colorless
Shelf Life: 1 year
DOT Class 3, II: Flammable Liquid

4%		
S25517A	100mL	21.00

FLAMMABLE

Seliwanoff Reagent

Color: Colorless
Shelf Life: 2 years
DOT Class 8, II: Corrosive

SOLUTION		
S25798	100mL	8.55

CORROSIVE

Sesame Oil

Gingilli Oil, Sextra
CAS: 8008-74-0
Color: Clear yellow
Solubility in Water: Insoluble in water
Shelf Life: 5 years
 Not suitable for human consumption.

LIQUID		
S25518	100mL	8.65

MODERATE HAZARD

Silica Gel 6-12 Mesh, Non-indicating

Amorphous Silica
FW: 58.08
CAS: 1343-98-2
Color: White
Solubility in Water: Insoluble
Shelf Life: 2 years

SOLID		
S25519	500g	32.75

MODERATE HAZARD

Silica Gel, Indicating

Amorphous Silica
FW: 60.08
Color: Blue
Solubility in Water: Insoluble, chloride may leach out
Shelf Life: 2 years

SOLID		
S25520	500g	25.75

MODERATE HAZARD

Silicon Metal

Si
FW: 28.09
CAS: 7440-21-3
Color: Silver/gray
Solubility in Water: Insoluble
Shelf Life: 5 years

POWDER		
S25521	100g	12.50
S25521A	500g	30.25

MODERATE HAZARD

	* California - WARNING: Cancer www.P65Warnings.ca.gov
	** California - WARNING: Reproductive Harm www.P65Warnings.ca.gov
	*** California - WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

Silver

Ag
FW: 107.87
CAS: 7440-22-4
Color: Silver
Solubility in Water: Insoluble
Shelf Life: 5 years

MODERATE HAZARD

FOIL		
S25522	25g	136.00

Silver Acetate

Silver Monoacetate; $\text{CH}_3\text{CO}_2\text{Ag}$
FW: 166.92
CAS: 563-63-3
Color: Off-white to gray
Solubility in Water: Soluble
Shelf Life: 5 years

MODERATE HAZARD

REAGENT GRADE		
S25523	10g	67.50

Silver Nitrate

AgNO_3
FW: 169.87
CAS: 7761-88-8
Solubility in Water: soluble
Shelf Life: 5 years
DOT Class 5.1, II: Oxidizer

SOLID		
S25525	25g	95.00
S25525A	500g	1612.00

Silver Nitrate Solutions

Color: Clear, colorless
Solubility in Water: Soluble in water
Shelf Life: 5 years

MODERATE HAZARD

0.1N		
S25527	1L	116.00
0.5M		
S25874	500mL	142.00
1.0N		
S25526	100mL	54.00
S25526A	500mL	293.00

Silver Oxide

Argentous Oxide; Ag_2O
FW: 231.74
CAS: 20667-12-3
Color: Brown/black
Shelf Life: 5 years
DOT Class 5.1 (8), II: Oxidizer

REACTIVE & OXIDIZING

SOLID		
S25528	25g	91.00

Soap, Castile

Color: Off-white
Shelf Life: 5 years

MODERATE HAZARD

SOLID		
S25529	100g	14.25

Sodium Acetate, Anhydrous

Acetic Acid Sodium Salt; $\text{CH}_3\text{CO}_2\text{Na}$
FW: 82.03
CAS: 127-09-3
Color: White
Solubility in Water: Soluble
Shelf Life: 1 year

MODERATE HAZARD

LAB GRADE		
S25530	100g	7.75
S25530A	500g	15.00

Sodium Acetate, Trihydrate

Acetic Acid, Sodium Salt, Trihydrate; $\text{CH}_3\text{CO}_2\text{Na}\cdot 3\text{H}_2\text{O}$
FW: 136.08
CAS: 6131-90-4
Color: White
Solubility in Water: Soluble in water, ether
Shelf Life: 2 years

MODERATE HAZARD

REAGENT GRADE		
S25531	500g	16.00

Sodium Benzoate

Benzoic Acid, Sodium Salt; $\text{C}_6\text{H}_5\text{CO}_2\text{Na}$
FW: 144.11
CAS: 532-32-1
Color: White
Solubility in Water: Soluble
Shelf Life: 5 years

MODERATE HAZARD

LAB GRADE - SOLID		
S25532	100g	11.75

Sodium Bicarbonate

Sodium Hydrogen Carbonate; NaHCO_3
FW: 84.01
CAS: 144-55-8
Solubility in Water: Slightly soluble in water
Shelf Life: 5 years

MODERATE HAZARD

LAB GRADE		
S25533C	500g	6.45
S25533A	2.5kg	15.50
REAGENT GRADE		
S25533	500g	8.45
S25533B	3kg	27.00

Sodium Bismuthate (V)

NaBiO_3
FW: 279.97
CAS: 12232-99-4
Color: Yellow/brown
Solubility in Water: Insoluble in cold, decomposes in heat
Shelf Life: 2 years

MODERATE HAZARD

REAGENT GRADE		
S25534	10g	49.75

Sodium Bisulfate, Monohydrate

Sodium Hydrogen Sulfate; $\text{NaHSO}_4\cdot \text{H}_2\text{O}$
FW: 138.08
CAS: 10034-88-5
Color: Colorless
Solubility in Water: Soluble
Shelf Life: 5 years
DOT Class 8, III: Corrosive

CORROSIVE

REAGENT GRADE - SOLID		
S25535A	500g	32.50

Sodium Bisulfite

Sodium Hydrogen Sulfite; NaHSO_3
FW: 104.07
CAS: 7631-90-5
Color: White
Solubility in Water: Soluble
Shelf Life: 5 years
DOT Class 8, III: Corrosive

CORROSIVE

REAGENT GRADE		
S25536	100g	7.80
S25536A	500g	11.75

Sodium Borate, Decahydrate

Borax; $\text{Na}_2\text{B}_4\text{O}_7\cdot 10\text{H}_2\text{O}$
FW: 381.42
CAS: 1303-96-4

REACTIVE & OXIDIZING

MODERATE HAZARD

LAB GRADE		
S25537B	500g	10.50
REAGENT GRADE		
S25537	100g	6.15
S25537A	500g	18.25

Sodium Bromide

Bromide Salt of Sodium; NaBr
FW: 102.9
CAS: 7647-15-6
Color: White
Solubility in Water: Soluble
Shelf Life: 1 year

MODERATE HAZARD

REAGENT GRADE		
S25538	100g	9.55
S25538A	500g	22.50

Sodium Carbonate

Na_2CO_3
FW: 105.99
CAS: 497-19-8
Color: White
Solubility in Water: Soluble
Shelf Life: 1 year

MODERATE HAZARD

LAB GRADE		
S25539	100g	2.95
S25539A	500g	7.60
S25539D	2kg	14.75
REAGENT GRADE		
S25539B	500g	12.00

Chemicals are educational grade and are intended for teaching use only.
 Not approved for clinical use.

Sodium Carbonate, Monohydrate

Soda Ash Monohydrate; $\text{Na}_2\text{CO}_3 \cdot \text{H}_2\text{O}$

F.W. 124.00

CAS: 5968-11-6

Color: White

Solubility in Water: Partially soluble

Shelf Life: 5 years

MODERATE HAZARD

SOLID		
S25539C	500g	19.75

Sodium Chlorate

 NaClO_3

F.W. 106.44

CAS: 7775-09-9

Color: White

Solubility in Water: Soluble

Shelf Life: 5 years

DOT Class 5.1, II: Oxidizer

REACTIVE & OXIDIZING

LAB GRADE - CRYSTALS		
S25540	500g	14.25
S25540A	2kg	27.50

Sodium Chloride

Salt; NaCl

F.W. 58.44

CAS: 7647-14-5

Color: White

Solubility in Water: Soluble

Shelf Life: 5 years

MODERATE HAZARD

LAB GRADE		
S25542	500g	4.95
REAGENT GRADE		
S25541	500g	7.50
S25541A	2.5kg	18.25
S25542A	3kg	39.75
S25541B	12kg	36.00
SOLID - ROCK SALT		
S25543	2.5kg	8.60

Sodium Chloride Solutions

Color: Clear

Solubility in Water: Infinite

MODERATE HAZARD

0.1M		
S25875	500mL	4.10
0.5M		
S25876	500mL	6.85
1M		
S25877	500mL	4.40

Sodium Chromate, Anhydrous

Chromic Acid; Na_2CrO_4

F.W. 161.97

CAS: 7775-11-3

Color: Yellow

Solubility in Water: Soluble

Shelf Life: 1 year

DOT Class 5.1, III: Oxidizer

REACTIVE & OXIDIZING

LAB GRADE		
S25544	100g	10.75

Sodium Citrate, Dihydrate

Citric Acid Trisodium Salt Trihydrate; $\text{Na}_3\text{C}_6\text{H}_5\text{O}_7 \cdot 2\text{H}_2\text{O}$

F.W. 294.10

CAS: 6132-04-3

Color: White

Solubility in Water: Soluble

Shelf Life: 5 years

MODERATE HAZARD

LAB GRADE		
S25545	500g	14.75

Sodium Dichromate Solution, 0.1M

Color: Yellow/Orange

Solubility in Water: Infinite

MODERATE HAZARD

0.1M		
S25879***	500mL	10.00

Sodium Dichromate, Dihydrate

Sodium Bichromate; $\text{Na}_2\text{Cr}_2\text{O}_7 \cdot 2\text{H}_2\text{O}$

F.W. 298.00

CAS: 7789-12-0

Color: Reddish/orange

Solubility in Water: Soluble

Shelf Life: 1 year

DOT Class 5.1, III: Oxidizer

REACTIVE & OXIDIZING

LAB GRADE		
S25546***	100g	7.35
S25546A***	500g	17.50

Sodium Fluoride

 NaF

F.W. 41.99

CAS: 7681-49-4

Color: White/off-white

Solubility in Water: Soluble

Shelf Life: 5 years

DOT Class 6.1, III: Poison

HEALTH HAZARD

LAB GRADE - SOLID		
S25547	100g	11.75
S25547A	500g	20.25

Sodium Hydroxide

Caustic Soda; NaOH

F.W. 40.00

CAS: 1310-73-2

Color: White

Solubility in Water: Soluble in water

Shelf Life: 2 years

DOT Class 8, II: Corrosive

CORROSIVE

LAB GRADE		
S25548B	500g	9.10
REAGENT GRADE		
S25548	100g	8.25
S25548A	500g	16.25
S25548C	1kg	53.75
S25548D	3kg	81.00

Sodium Hydroxide Solution, 0.1N

Caustic Soda

Color: Clear, colorless

Solubility in Water: Soluble in water

Shelf Life: 2 years

MODERATE HAZARD

0.1N		
S25551	500mL	6.00

Sodium Hydroxide Solution, 0.2M

Caustic Soda

Color: Clear, colorless

Solubility in Water: Soluble in water

Shelf Life: 2 years

MODERATE HAZARD

0.2M		
S25880	500mL	7.55

Sodium Hydroxide Solution, 10N

Caustic Soda

Color: Clear solution

Solubility in Water: Soluble in water

Shelf Life: 2 years

DOT Class 8, II: Corrosive

CORROSIVE

10N		
S25550	1L	15.50

Sodium Hydroxide Solutions, 1M/1N

Caustic Soda

Color: Clear, colorless

Solubility in Water: Soluble in water

Shelf Life: 2 years

DOT Class 8, II: Corrosive

CORROSIVE

1M SOLUTION		
S25549A	1L	7.85
1N SOLUTION		
S25549	1L	11.50

Sodium Hydroxide Solutions, Various

Caustic Soda

Color: Clear

Solubility in Water: Soluble in water

Shelf Life: 2 years

DOT Class 8, II: Corrosive

CORROSIVE

0.5M		
S25881	500mL	7.35
3M		
S25884	500mL	9.55
50%		
S25882	500mL	19.25
6M		
S25883	500mL	11.25



* California - WARNING: Cancer www.P65Warnings.ca.gov
** California - WARNING: Reproductive Harm www.P65Warnings.ca.gov
*** California - WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

Sodium Hypochlorite Solution, 13%

NaOCl
 F.W. 74.44
 CAS: 7681-52-9
 Color: Clear, light yellow-green
 Solubility in Water: Soluble in water
 Shelf Life: One year
 DOT Class 8, III: Corrosive

CORROSIVE

13%		
S25552	500mL	6.85

Sodium Iodate

Iodic Acid; NaIO₃
 F.W. 197.90
 CAS: 7681-55-2
 Color: White
 Solubility in Water: Soluble
 Shelf Life: 2 years
 DOT Class 5.1, III: Oxidizer

REACTIVE & OXIDIZING

REAGENT GRADE		
S25553	100g	38.25

Sodium Iodide

Sodium Monoiodide; NaI
 F.W. 149.89
 CAS: 7681-82-5
 Color: White
 Solubility in Water: Soluble
 Shelf Life: 1 year

MODERATE HAZARD

LAB GRADE		
S25554	100g	31.25
S25554A	500g	127.00

Sodium Metal

Sodium; Na
 F.W. 22.99
 CAS: 7440-23-5
 Color: Light Silver
 Solubility in Water: Reacts with water
 Shelf Life: 2 years
 DOT Class 4.3, I: Dangerous When Wet

FLAMMABLE

LAB GRADE		
S25556	10g	31.50
S25556A	100g	55.50

Sodium Nitrate

Chile saltpeter; NaNO₃
 F.W. 84.99
 CAS: 7631-99-4
 Color: White
 Solubility in Water: Soluble
 Shelf Life: 5 years
 DOT Class 5.1, III: Oxidizer

REACTIVE & OXIDIZING

LAB GRADE		
S25558	100g	7.95
S25558A	500g	9.70
S25558B	2kg	23.00
REAGENT GRADE		
S25557	500g	21.25

Sodium Nitrite

Nitrous Acid, Sodium Salt; NaNO₂
 F.W. 69.00
 CAS: 7632-00-0
 Color: Light yellow
 Solubility in Water: Soluble
 Shelf Life: 5 years
 DOT Class 5.1 (6.1), III: Poison

REACTIVE & OXIDIZING

REAGENT GRADE		
S25560	100g	12.75
S25560A	500g	27.50

Sodium Oxalate

Ethanedioic Acid; Na₂C₂O₄
 F.W. 134.00
 CAS: 62-76-0
 Color: White
 Solubility in Water: Moderately soluble in water
 Shelf Life: 1 year
 DOT Class 6.1, III: Poison

HEALTH HAZARD

REAGENT GRADE		
S25561	25g	6.40
S25561A	100g	18.25
S25561B	500g	53.50

Sodium Oxalate Solution, 0.1M

Color: Clear
 Solubility in Water: Infinite

MODERATE HAZARD

0.1M		
S25888	500mL	7.35

Sodium Phosphate Solution, 0.1M

Color: Clear
 Solubility in Water: Soluble in water

MODERATE HAZARD

0.1M		
S25889	500mL	11.25

Sodium Phosphate, Dibasic, Anhydrous

Disodium Hydrogen Phosphate; Na₂HPO₄
 F.W. 141.96
 CAS: 7758-79-4

MODERATE HAZARD

Color: White		
Solubility in Water: Soluble		
Shelf Life: 1 year		
REAGENT GRADE		
S25563	100g	11.25
S25563A	500g	26.00

Sodium Phosphate, Dibasic, Heptahydrate

Disodium hydrogen phosphate heptahydrate; Na₂HPO₄·7H₂O
 F.W. 268.07
 CAS: 7782-85-6

MODERATE HAZARD

Color: White		
Shelf Life: 5 years		
CRYSTALS		
S25837	500g	26.25

Sodium Phosphate, Monobasic

Monosodium Dihydrogen Phosphate Monohydrate; NaH₂PO₄·H₂O
 F.W. 137.99
 CAS: 10049-21-5
 Color: White
 Solubility in Water: Soluble in water
 Shelf Life: 5 years

MODERATE HAZARD

REAGENT GRADE - CRYSTALS		
S25562A	100g	11.25

Sodium Phosphate, Monobasic, Anhydrous

Sodium Dihydrogen Phosphate; NaH₂PO₄
 F.W. 120.00
 CAS: 7558-80-7
 Color: White
 Solubility in Water: Soluble
 Shelf Life: 1 year

MODERATE HAZARD

SOLID		
S25562	100g	18.00

Sodium Phosphate, Tribasic, Dodecahydrate

Trisodium Orthophosphate Dodecahydrate; Na₃PO₄·12H₂O
 F.W. 380.12
 CAS: 10101-89-0
 Color: White

CORROSIVE

Solubility in Water: Soluble		
Shelf Life: 5 years		
DOT Class 8, II: Corrosive		
REAGENT GRADE		
S25564	500g	14.25

Sodium Silicate Solution, 37%

Liquid Sodium Silicate
 CAS: 1344-09-8
 Color: Colorless
 Solubility in Water: Soluble
 Shelf Life: 5 years

MODERATE HAZARD

37%		
S25566	500mL	6.40
S25566A	1L	27.00
S25566B	3.785L	25.50

Sodium Silicate, Nonahydrate

Sodium Metasilicate; Na₂SiO₃·9H₂O
 F.W. 284.19
 CAS: 13517-24-3
 Color: White
 Solubility in Water: Soluble
 Shelf Life: 5 years
 DOT Class 8, III: Corrosive

CORROSIVE

SOLID		
S25567	500g	39.25

Chemicals are educational grade and are intended for teaching use only.
 Not approved for clinical use.

Sodium Sulfate Solution, 0.1M

Color: Clear	MODERATE HAZARD	
Solubility in Water: Infinite		
LIQUID		
S25890	500mL	7.75

Sodium Sulfate, Anhydrous

Disodium Sulfate; Na ₂ SO ₄		
F.W. 142.04	MODERATE HAZARD	
CAS: 7757-82-6		
Color: White		
Solubility in Water: Soluble		
Shelf Life: 5 years		
LAB GRADE		
S25568	100g	6.95
S25568A	500g	12.50

Sodium Sulfate, Decahydrate

Disodium Sulfate Decahydrate; Na ₂ SO ₄ ·10H ₂ O		
F.W. 322.19	MODERATE HAZARD	
CAS: 7727-73-3		
Color: White		
Solubility in Water: Soluble		
Shelf Life: 5 years		
REAGENT GRADE		
S25569	500g	41.25

Sodium Sulfide Solution, 0.1M

Color: Clear	MODERATE HAZARD	
Solubility in Water: Soluble in water		
0.1M		
S25891	500mL	7.60

Sodium Sulfide, Nonahydrate

Sodium Monosulfide Nonahydrate; Na ₂ S·9H ₂ O		
F.W. 240.18	CORROSIVE	
CAS: 1313-84-4		
Color: Light yellow		
Solubility in Water: Partly		
Shelf Life: 1 year		
DOT Class 8, II: Corrosive		
LAB GRADE		
S25570	100g	15.50
S25570A	500g	47.75

Sodium Sulfite Solution, 1.0M

Color: Clear	MODERATE HAZARD	
Solubility in Water: Infinite		
0.1M		
S25892	500mL	7.95

Sodium Sulfite, Anhydrous

Disodium Sulfite; Na ₂ SO ₃		
F.W. 126.04	MODERATE HAZARD	
CAS: 7757-83-7		
Color: Off-white		
Solubility in Water: Soluble		
Shelf Life: 1 year		
REAGENT GRADE		
S25571	500g	10.00

Sodium Thiocyanate

Sodium Rhodanate; NaSCN		
F.W. 81.07	MODERATE HAZARD	
CAS: 540-72-7		
Color: White		
Solubility in Water: Soluble in water		
Shelf Life: 1 year		
REAGENT GRADE		
S25572	100g	16.00
S25572A	500g	29.50

Sodium Thiosulfate Solution, 0.1M

Color: Clear	MODERATE HAZARD	
Solubility in Water: Soluble in water		
0.1M		
S25893	500mL	4.55

Sodium Thiosulfate, Anhydrous

Sodium Hyposulfite; Na ₂ S ₂ O ₃		
F.W. 158.11	MODERATE HAZARD	
CAS: 7772-98-7		
Color: White		
Solubility in Water: Soluble		
Shelf Life: 1 year		
REAGENT GRADE		
S25573A	500g	16.00

Sodium Thiosulfate, Pentahydrate

Sodium Hyposulfite Pentahydrate; Na ₂ S ₂ O ₃ ·5H ₂ O		
F.W. 248.18	MODERATE HAZARD	
CAS: 10102-17-7		
Color: White		
Solubility in Water: Soluble		
Shelf Life: 1 year		
REAGENT GRADE		
S25574	100g	10.00
S25574A	500g	19.00
S25574B	1kg	14.75
S25574C	2.5kg	41.50

Spermaceti Wax

Sperm Whale Wax		
CAS: 8002-23-1	MODERATE HAZARD	
Color: Waxy		
Solubility in Water: Insoluble		
Shelf Life: 5 years		
SOLID		
S25795	100g	17.25

Stannic Oxide

Tin (IV) Oxide; SnO ₂		
F.W. 150.69	MODERATE HAZARD	
CAS: 18282-10-5		
Color: White-slight gray		
Solubility in Water: Insoluble		
Shelf Life: 5 years		
LAB GRADE		
S25577	100g	37.75

Stannous Chloride, Dihydrate

Tin (II) Chloride Dihydrate; SnCl ₂ ·2H ₂ O		
F.W. 225.63	CORROSIVE	
CAS: 10025-69-1		
Color: Colorless		
Solubility in Water: Soluble		
Shelf Life: 1 year		
DOT Class 8, III: Corrosive		
LAB GRADE		
S25578	25g	14.00
S25578A	100g	34.00
S25578B	500g	77.00

Starch

Amylodextrin; (C ₆ H ₁₀ O ₅) _n		
CAS: 9005-25-8	MODERATE HAZARD	
Color: White		
Solubility in Water: Slightly Soluble		
Shelf Life: 5 years		
0.5% SOLUTION		
S25581	500mL	9.50
1% SOLUTION		
S25584	250mL	8.30
5% SOLUTION		
S25579	500mL	9.70
POWDER - CORN STARCH		
S25580	500g	11.00
S25580A	2.5kg	28.50
POWDER - POTATO STARCH		
S25583	500g	24.25
POWDER - SOLUBLE STARCH - LAB GRADE		
S25582	100g	18.25
S25582A	500g	60.50

Stearic Acid

1-Heptadecanecarboxylic Acid; CH ₃ (CH ₂) ₁₆ COOH		
F.W. 284.47	FLAMMABLE	
CAS: 57-11-4		
Color: White		
Solubility in Water: Slightly soluble		
Shelf Life: 5 years		
DOT Class 4.1, III: Flammable Solid		
LAB GRADE		
S25585	250g	14.00

Steel

Color: Gray	MODERATE HAZARD	
Solubility in Water: Insoluble		
Shelf Life: 5 years		
STEEL SHOT		
S25587	500g	9.20
STEEL WOOL		
S25586	500g	18.75

Streptomycin SulfateStreptomycin A Sulfate; $C_{22}H_{41}N_7O_{16}S_3$

F.W. 728.69

CAS: 3810-74-0

Color: White

Solubility in Water: Soluble in water

Shelf Life: 2 years

MODERATE HAZARD

SOLID**S25797**** 5g 38.25**Strontium Chloride, Hexahydrate** $SrCl_2 \cdot 6H_2O$

F.W. 266.62

CAS: 10025-70-4

Color: White

Solubility in Water: Soluble

Shelf Life: 1 year

MODERATE HAZARD

LAB GRADE**S25588A** 100g 9.00**S25588B** 500g 27.50**Strontium Nitrate** $Sr(NO_3)_2$

F.W. 211.63

CAS: 10042-76-9

Color: White

Solubility in Water: Soluble

Shelf Life: 5 years

DOT Class 5.1, III: Oxidizer

REACTIVE & OXIDIZING

LAB GRADE**S25589** 100g 11.00**S25589A** 500g 24.00**Succinic Acid**Butanedioic Acid; $(CH_2COOH)_2$

F.W. 118.09

CAS: 110-15-6

Color: Colorless

Solubility in Water: Soluble

Shelf Life: 5 years

MODERATE HAZARD

CRYSTALS**S25790** 100g 21.00**Sucrose** $C_{12}H_{22}O_{11}$

F.W. 342.30

CAS: 57-50-1

Color: White

Solubility in Water: Soluble

Shelf Life: 5 years

MODERATE HAZARD

REAGENT GRADE**S25590** 500g 13.50**S25590A** 1kg 19.75**S25590B** 2.5kg 37.50**Sudan III**2-Naphthalenol; $C_{22}H_{16}N_4O$

F.W. 352.40

CAS: 85-86-9

Color: Dark red to brown

Solubility in Water: Insoluble

Shelf Life: 5 years

DOT Class 4.1, II: Flammable Solid

FLAMMABLE

SOLID**S25593** 10g 10.75**S25593A** 25g 20.50**Sudan III, 0.2% in Alcohol Solution**

Color: Red

Solubility in Water: Infinite

Shelf Life: 18 months

DOT Class 3, II: Flammable Liquid

FLAMMABLE

0.20%**S25591** 100mL 8.30**Sudan IV, 0.05% in Acetone Solution**

Oil Red

Color: Red

Solubility in Water: Soluble in water

Shelf Life: 18 months

DOT Class 3, II: Flammable Liquid

FLAMMABLE

0.05%**S25592** 100mL 9.85**Sulfamic Acid**Amidosulfonic Acid; H_2NSO_3H

F.W. 97.09

CAS: 5329-14-6

Color: White

Solubility in Water: Soluble

Shelf Life: 12 months

DOT Class 8, III: Corrosive

CORROSIVE

SOLID**S25792** 50g 11.75**Sulfanilic Acid**p-Aminobenzene Sulfonic Acid; $NH_2C_6H_4SO_3H \cdot H_2O$

F.W. 173.19

CAS: 121-57-3

Color: off/white

Solubility in Water: Slightly

Shelf Life: 5 years

MODERATE HAZARD

SOLID**S25793A** 100g 50.00**Sulfur**

Sulphur; S

F.W. 32.06

CAS: 7704-34-9

Color: Yellow

Solubility in Water: Insoluble

Shelf Life: 5 years

DOT Class 9, III: Miscellaneous

FLAMMABLE

LAB GRADE - FLOWERS**S25596** 100g 6.75**S25596A** 500g 11.25**S25596B** 2.5kg 25.00**REAGENT GRADE - ROLL****S25595** 500g 4.00**Sulfuric Acid Solution, 0.05M/0.1M**

Color: Clear

Solubility in Water: Infinite

Shelf Life: 2 years

0.05M**S25895*** 500mL 11.00**0.1M****S25896*** 500mL 10.50**Sulfuric Acid Solutions** H_2SO_4

Color: Clear, colorless

Solubility in Water: Soluble in water

Shelf Life: 2 years

DOT Class 8, II: Corrosive

CORROSIVE

1N**S25598*** 500mL 8.30**10N****S25599*** 500mL 16.75**Sulfuric Acid Solutions, Various**

Color: Clear

Solubility in Water: Infinite

Shelf Life: 2 years

DOT Class 8, II: Corrosive

CORROSIVE

1M**S25897*** 500mL 10.75**2M****S25898*** 500mL 13.50**3M****S25899*** 500mL 12.25**6M****S25900*** 500mL 15.50**Sulfuric Acid, pH 3 to 3.5** H_2SO_4

Color: Clear Colorless

Solubility in Water: Infinite

Shelf Life: 2 years

pH 3 TO 3.5**S25599A*** 1L 8.30

MODERATE HAZARD

Chemicals are educational grade and are intended for teaching use only.
Not approved for clinical use.


* California - WARNING: Cancer www.P65Warnings.ca.gov
 ** California - WARNING: Reproductive Harm www.P65Warnings.ca.gov
 *** California - WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

Sulfuric Acid, Reagent/ACS Grades

H₂SO₄
 F.W. 98.07
 CAS: 7664-93-9
 Color: Clear, colorless
 Solubility in Water: Soluble in water
 Shelf Life: 2 years
 DOT Class 8, II: *Corrosive*

ACS GRADE - SAFE-COTE		
S25597*	500mL	24.25
REAGENT GRADE		
S25894*	2.5L	43.25

CORROSIVE

Talc

Talcum; Soapstone; 3MgO·4SiO₂·H₂O
 F.W. 166.40
 CAS: 14807-96-6
 Color: off/white
 Solubility in Water: Insoluble
 Shelf Life: 5 years

SOLID		
S25799*	500g	12.75

MODERATE HAZARD

Tannic Acid

Tannin; C₇₆H₄₂O₄₆
 F.W. 1701.22
 CAS: 1401-55-4
 Color: Yellow-Brown
 Solubility in Water: Soluble
 Shelf Life: 5 years

LAB GRADE		
S25600	100g	19.00

MODERATE HAZARD

Tartaric Acid

Threatic Acid; HO₂CCH(OH)CH(OH)CO₂H
 F.W. 150.09
 CAS: 87-69-4
 Color: White
 Solubility in Water: Water soluble
 Shelf Life: 5 years

LAB GRADE		
S25601	100g	12.75
S25601A	500g	25.00

MODERATE HAZARD

Tetrahydrofuran

THF; C₄H₈O
 F.W. 72.11
 CAS: 109-99-9
 Color: Colorless
 Solubility in Water: Soluble
 Shelf Life: 1 year
 DOT Class 3, II: *Flammable Liquid*

SOLUTION		
S25802	100mL	25.00

FLAMMABLE

Thermit Kit

Contains: Ferric(ous) Oxide - Black and Aluminum Metal - Fine Powder
 Procedure: Mix contents to create Thermit
 Mixture Ignition Temperature: approx. 1200°C

KIT		
S25602	Ea.	46.25

Thionin

3,7-Diaminophenothiazin-5-ium Chloride
 F.W. 263.74
 CAS: 581-64-6
 Color: Black-Green
 Solubility in Water: Soluble
 Shelf Life: 5 years

SOLID		
S25816	1g	16.50

MODERATE HAZARD

Thionin Solution

Color: Purple
 Shelf Life: 5 years

SOLUTION		
S25817	100mL	24.75

MODERATE HAZARD

Thymol

Thymic Acid; CH₃(C₃H₇)C₆H₃OH
 F.W. 150.22
 CAS: 89-83-8
 Color: White
 Solubility in Water: Soluble
 Shelf Life: 5 years
 DOT Class 8, III: *Corrosive*

LAB GRADE		
S25603	100g	21.50

CORROSIVE

Thymol Blue Solution, 0.04%

Color: Clear, dark blue/green
 Solubility in Water: Infinite
 Shelf Life: 18 months

0.04%		
S25605	100mL	8.95

MODERATE HAZARD

Thymol Blue, Sodium Salt

Thymolsulfonephthalein; C₂₇H₂₉NaO₅S
 F.W. 466.267
 CAS: 81012-93-3
 Color: Green-red to Brown
 Solubility in Water: Water soluble
 Shelf Life: 5 years

SOLID		
S25604	5g	11.25

MODERATE HAZARD

Thymolphthalein

TP; C₂₈H₃₀O₄
 F.W. 430.52
 CAS: 125-20-2
 Color: White
 Shelf Life: 5 years

REAGENT GRADE		
S25606	5g	15.75

MODERATE HAZARD

Thymolphthalein Solution, 0.04%

Color: Clear, colorless
 Solubility in Water: Completely soluble
 Shelf Life: 18 months
 DOT Class 3, II: *Flammable Liquid*

0.04%		
S25607	100mL	6.95

FLAMMABLE

Tin

Metallic Tin; Sn
 F.W. 118.70
 CAS: 7440-31-5
 Color: Gray
 Solubility in Water: Slightly soluble in hot water
 Shelf Life: 5 years

REAGENT GRADE - MOSSY		
S25609	100g	25.25
S25609A	500g	116.00
REAGENT GRADE - POWDER		
S25608	100g	31.50
REAGENT GRADE - SHOT		
S25610	100g	34.50

MODERATE HAZARD

Titanium Dioxide

Anatase; TiO₂
 F.W. 79.88
 CAS: 13463-67-7
 Color: White
 Solubility in Water: Insoluble
 Shelf Life: 5 years

SOLID		
S25818	100g	15.50

MODERATE HAZARD

Toluene

Tol, Methylbenzene; CH₃C₆H₅
 F.W. 92.14
 CAS: 108-88-3
 Color: Clear
 Solubility in Water: Insoluble
 Shelf Life: 2 years
 DOT Class 3, II: *Flammable Liquid*

SOLUTION		
S25611**	500mL	9.40
S25611A**	1L	18.25

FLAMMABLE

* California - WARNING: Cancer www.P65Warnings.ca.gov** California - WARNING: Reproductive Harm www.P65Warnings.ca.gov*** California - WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

Toluidine Blue O Solution, 0.5%

Color: Clear, bluish-purple
Solubility in Water: Infinite
Shelf Life: 18 months

MODERATE HAZARD

0.5%		
S25612	15mL	5.90
S25613	100mL	13.25

Trichloroacetic Acid

Trichloroethanoic Acid; CCl₃COOH

F.W. 163.39
CAS: 76-03-9

CORROSIVE

Color: White
Solubility in Water: Soluble in water
Shelf Life: 2 years
DOT Class 8, II: Corrosive

LAB GRADE		
S25614*	100g	18.25

Triethanolamine

2,2,2-Nitrioltriethanol; N(CH₂CH₂OH)₃

F.W. 149.19
CAS: 102-71-6

MODERATE HAZARD

Color: Light yellow
Shelf Life: 5 years

REAGENT GRADE		
S25615	500mL	62.50

Tris Borate EDTA

TBE 5X Buffer

Color: Clear, colorless
Solubility in Water: Soluble
Shelf Life: 2 years

MODERATE HAZARD

LIQUID		
S25616	500mL	11.25

Tris(hydroxymethyl) Aminomethane

THAM; H₂NC(CH₂OH)₃

F.W. 121.14
CAS: 77-86-1

MODERATE HAZARD

Color: White
Solubility in Water: Soluble
Shelf Life: 2 years

SOLID		
S25617	100g	38.25

Trypsin

Trypsin

CAS: 9002-07-7
Color: White

MODERATE HAZARD

Solubility in Water: Soluble
Shelf Life: 2 years

SOLID		
S25839	25g	107.00
S25618	100g	68.25

Tryptone

CAS: 73049-73-7

MODERATE HAZARD

Color: White
Solubility in Water: Soluble
Shelf Life: 5 years

SOLID		
S25827	100g	31.25

L-Tyrosine

3-(4-Hydroxyphenyl)-L-Alanine; HOC₆H₄CH₂CH(NH₂)CO₂H

F.W. 181.19
CAS: 60-18-4

MODERATE HAZARD

Color: White
Solubility in Water: Slightly
Shelf Life: 5 years

SOLID		
S25829	5g	18.50

Universal Indicator Solution

Universal pH Indicator

Color: Clear green
Solubility in Water: Soluble in water
Shelf Life: 18 months
DOT Class 3, II: Flammable Liquid

FLAMMABLE

COLOR CHART		
S25619	Ea.	3.10
SOLUTION		
S25363B	100mL	9.25
S25363	500mL	19.50
SOLUTION WITH COLOR CHART		
S25363A	1L	26.50

Urea

Carbamide Resin; NH₂CONH₂

F.W. 60.06
CAS: 57-13-6

MODERATE HAZARD

Color: White
Solubility in Water: Soluble
Shelf Life: 5 years

REAGENT GRADE		
S25620	100g	6.10
S25620A	500g	11.75

Urease

Urea Amidohydrolyase

CAS: 9002-13-5
Color: White-yellow

MODERATE HAZARD

Solubility in Water: Soluble in water
Shelf Life: 5 years

SOLID		
S25621	10g	21.00

Vegetable Oil

Soybean Oil

CAS: 8001-22-7

MODERATE HAZARD

Color: Clear, yellow
Solubility in Water: Insoluble
Shelf Life: 5 years

SOLUTION		
S25622A	32 oz.	16.00
S25622	500mL	5.70

Vinegar

Color: Clear, colorless

MODERATE HAZARD

Solubility in Water: Infinite
Shelf Life: 5 years

LIQUID - CIDER		
S25624	1L	8.60
S25624A	3.8L	11.50
LIQUID - WHITE		
S25623	500mL	6.25
S25623A	3.8L	11.25

Water

F.W. 18.02

CAS: 7732-18-5

MODERATE HAZARD

Color: Clear
Shelf Life: 5 years
Use: Not for human consumption

DEIONIZED, TYPE II		
S25293	4L	9.50
DISTILLED		
S25868	1 gal.	10.50

Winkler's Solution No. 2

Oxygen Determining Solution

Color: Clear, colorless
Solubility in Water: Soluble in water
Shelf Life: 2 years
DOT Class 8, II: Corrosive

CORROSIVE

SOLUTION		
S25625	500mL	7.65

Wright's Blood Stain Buffer

Giordan pH 6.4

Color: Clear, colorless
Solubility in Water: Infinite
Shelf Life: 2 years

MODERATE HAZARD

SOLUTION		
S25628	1L	50.00

Chemicals are educational grade and are intended for teaching use only.
 Not approved for clinical use.



Xylenes

Xylol; C₈H₄(CH₃)₂
F.W. 106.17
CAS: 1330-20-7
Color: Clear
Solubility in Water: Insoluble
Shelf Life: 2 years
DOT Class 3, III: *Flammable Liquid*

FLAMMABLE

SOLUTION		
S25629*	500mL	12.25

Yeast, Active, Dry

Brewer's
CAS: 8013-01-2
Color: Tan
Solubility in Water: Soluble in water
Shelf Life: 2 years

MODERATE HAZARD

POWDER		
S25632	100g	10.75
S25632A	500g	20.75

Zeolite

Cationic Exchange Resins
CAS: 1318-02-1
Color: White
Solubility in Water: Insoluble
Shelf Life: 5 years

MODERATE HAZARD

SOLID		
S25834	500g	28.50

Zinc Acetate, Dihydrate

(CH₃CO₂)₂Zn·2H₂O
F.W. 219.50
CAS: 5970-45-6
Color: White
Solubility in Water: Soluble
Shelf Life: 5 years

MODERATE HAZARD

REAGENT GRADE		
S25634	100g	9.00

Zinc Chloride

Zinc Butter; ZnCl₂
F.W. 136.29
CAS: 7646-85-7
Color: White
Solubility in Water: Soluble
Shelf Life: 1 year
DOT Class 8, III: *Corrosive*

CORROSIVE

REAGENT GRADE		
S25635A	100g	9.10
S25635	500g	13.50

Zinc Nitrate Solution, 0.1M

Color: Clear
Solubility in Water: Soluble in water
0.1M
S25901 500mL 7.90

MODERATE HAZARD

Zinc Nitrate, Hexahydrate

Zn(NO₃)₂·6H₂O
F.W. 297.47
CAS: 10196-18-6
Color: White
Solubility in Water: Soluble in water
Shelf Life: 5 years
DOT Class 5.1, II: *Oxidizer*

REACTIVE & OXIDIZING

REAGENT GRADE		
S25640	100g	11.75
S25640A	500g	24.50

Zinc Oxide

ZnO
F.W. 81.38
CAS: 1314-13-2
Color: Off-White
Solubility in Water: Insoluble in water
Shelf Life: 5 years
DOT Class 9, III: *Miscellaneous*

HEALTH HAZARD

REAGENT GRADE		
S25641	500g	20.75

Zinc Sulfate Solution, 0.1M

Color: Clear
Solubility in Water: Soluble in water
0.1M
S25902 500mL 3.95

MODERATE HAZARD

Zinc Sulfate, Heptahydrate

Zinc Vitriol; ZnSO₄·7H₂O
F.W. 287.54
CAS: 7446-20-0
Color: White
Solubility in Water: Soluble in water
Shelf Life: 2 years
DOT Class 9, III: *Miscellaneous*

HEALTH HAZARD

REAGENT GRADE		
S25642	100g	8.95
S25642A	500g	19.00

Zinc Sulfide

ZnS
F.W. 97.44
CAS: 1314-98-3
Color: Off-white
Solubility in Water: Insoluble
Shelf Life: 2 years

MODERATE HAZARD

SOLID		
S25643	500g	15.00

Zinc, Granular

Zn
F.W. 65.38
CAS: 7440-66-6
Color: Gray
Solubility in Water: Reacts with water
Shelf Life: 5 years

MODERATE HAZARD

REAGENT GRADE - 20 TO 30 MESH		
S25633	500g	47.75

Zinc, Metal Pieces

Zn
F.W. 65.38
CAS: 7440-66-6
Color: Gray
Solubility in Water: Insoluble
Shelf Life: 5 years
 Reacts with water or moisture

MODERATE HAZARD

PIECES (1 × 1.2 × 0.05CM)		
S25644	100/Pk	26.75

Zinc, Metal Powder

Zinc Dust; Zn
F.W. 65.37
CAS: 7440-66-6
Color: Light Blue
Solubility in Water: Insoluble
Shelf Life: 5 years
DOT Class 4.3, II: *Flammable*
 Reacts with water or moisture

FLAMMABLE

REAGENT GRADE - SOLID		
S25637	500g	40.00

Zinc, Mossy

Zn
F.W. 65.38
CAS: 7440-66-6
Color: Blue/Gray/White
Solubility in Water: Reacts with water
Shelf Life: 5 years
 Reacts with water or moisture

MODERATE HAZARD

LAB GRADE		
S25636B	500g	26.00
REAGENT GRADE		
S25636	500g	23.25
S25636A	2.5kg	66.25

Zinc, Sheet

Zn
F.W. 65.38
CAS: 7440-66-6
Color: Gray
Solubility in Water: Reacts with water
Shelf Life: 5 years
 Reacts with water or moisture

MODERATE HAZARD

SHEET		
S25638	12 × 12 in.	28.00
S25638A	6 × 12 in.	16.00



** California - WARNING: Cancer www.P65Warnings.ca.gov*
*** California - WARNING: Reproductive Harm www.P65Warnings.ca.gov*
**** California - WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov*

Zinc, Shot

Zinc Dust; Zn

F.W. 65.38

CAS: 7440-6-6

Color: Gray

Solubility in Water: Reacts with water

Shelf Life: 5 years

Reacts with water or moisture

MODERATE HAZARD

REAGENT GRADE

S25639	100g	18.00
---------------	------	-------

Zinc, Strips

Zn

F.W. 65.38

CAS: 7440-20-0

Zinc sulfate heptahydrate

Density: 7.14 g/cm³ at 20°C

7440-20-0

Boiling Point: 908°C

Melting Point: 419°C

STRIPS

S25910	2 × 1/4 in.	12.75
---------------	-------------	-------

Lens Cleaning Solution

Cleans glass or hard plastic safely, quickly and effectively.

- Unique formula cleans without leaving a residue
- Ideal for precision lens or prism cleaning because it does not dry too quickly

LENS CLEANING SOLUTION

S25438	100mL	9.80
---------------	-------	------

TERMS AND CONDITIONS OF SALE

Unless otherwise expressly agreed in writing, all sales are subject to the following terms and conditions:

GENERAL: Fisher Scientific Company L.L.C. ("Seller") hereby offers for sale to the buyer named in the order ("Buyer") the products listed on the face hereof (the "Products") on the express condition that Buyer agrees to accept and be bound by the terms and conditions set forth herein. Any provisions contained in any document issued by Buyer are expressly rejected and if the terms and conditions in this Agreement differ from the terms of Buyer's offer, this document shall be construed as a counter offer and shall not be effective as an acceptance of Buyer's document. Buyer's receipt of Products or Seller's commencement of the services provided hereunder will constitute Buyer's acceptance of this Agreement. This is the complete and exclusive statement of the contract between Seller and Buyer with respect to Buyer's purchase of the Products. No waiver, consent, modification, amendment or change of the terms contained herein shall be binding on Seller unless in writing and signed by Seller and Buyer. Notwithstanding the foregoing, Seller reserves the right to make changes to these Terms and Conditions of Sale at any time by posting such changes here, and such changes shall apply to orders of Products made by Buyer thereafter. Seller's failure to object to terms contained in any subsequent communication from Buyer will not be a waiver or modification of the terms set forth herein. All orders are subject to acceptance in writing by an authorized representative of Seller. Seller reserves the right to reject any order for any reason. By purchasing products from Seller, Buyer agrees that it is purchasing the Products only for its own use and not for purposes of resale. Products purchased pursuant to these Terms and Conditions may not be sold or transferred to any person or entity for purposes of resale. Seller reserves the right to take any action it deems necessary to address Buyer's violation of these terms, including, but not limited to, the suspension of Buyer's ability to purchase Products.

PRICE: All prices published by Seller or quoted by Seller's representatives may be changed at any time without notice. All prices quoted by Seller or Seller's representatives are valid for thirty (30) days, unless otherwise stated in writing. All prices for the Products will be as specified by Seller or, if no price has been specified or quoted, will be Seller's price in effect at the time of shipment. All prices are subject to adjustment on account of specifications, quantities, raw materials, cost of production, shipment arrangements or other terms or conditions which are not part of Seller's original price quotation. List prices may vary from the price displayed on the website for certain products.

TAXES AND OTHER CHARGES: Prices for the Products exclude all sales, value added and other taxes and duties imposed with respect to the sale, delivery, or use of any Products covered hereby, all of which taxes and duties must be paid by Buyer. If Buyer claims any exemption, Buyer must provide a valid, signed certificate or letter of exemption for each respective jurisdiction.

TERMS OF PAYMENT: Seller may invoice Buyer upon shipment for the price and all other charges payable by Buyer in accordance with the terms on the face hereof. If no payment terms are stated on the face hereof, payment shall be net thirty (30) days from the date of invoice. If Buyer fails to pay any amounts when due, Buyer shall pay Seller interest thereon at a periodic rate of one and one-half percent (1.5%) per month (or, if lower, the highest rate permitted by law), together with all costs and expenses (including without limitation reasonable attorneys' fees and disbursements and court costs) incurred by Seller in collecting such overdue amounts or otherwise enforcing Seller's rights hereunder. Seller reserves the right to require from Buyer full or partial payment in advance, or other security that is satisfactory to Seller, at any time that Seller believes in good faith that Buyer's financial condition does not justify the terms of payment specified. All payments shall be made in U.S. Dollars.

DELIVERY; CANCELLATION OR CHANGES BY BUYER: The Products will be shipped to the destination specified by Buyer, F.O.B. Seller's shipping point. Seller will have the right, at its election, to make partial shipments of the Products and to invoice each shipment separately. Seller reserves the right to stop delivery of Products in transit and to withhold shipments in whole or in part if Buyer fails to make any payment to Seller when due or otherwise fails to perform its obligations hereunder. All shipping dates are approximate only, and Seller will not be liable for any loss or damage resulting from any delay in delivery or failure to deliver which is due to any cause beyond Seller's

reasonable control. In the event of a delay due to any cause beyond Seller's reasonable control, Seller reserves the right to terminate the order or to reschedule the shipment within a reasonable period of time, and Buyer will not be entitled to refuse delivery or otherwise be relieved of any obligations as the result of such delay. Products as to which delivery is delayed due to any cause within Buyer's control may be placed in storage by Seller at Buyer's risk and expense and for Buyer's account. Orders in process may be canceled by Buyer only with Seller's written consent and upon payment of Seller's cancellation charges. Orders in process may not be changed by Buyer except with Seller's written consent and upon agreement by the parties as to an appropriate adjustment in the purchase price therefore. Credit will not be allowed for Products returned without the prior written consent of Seller.

TITLE AND RISK OF LOSS: Notwithstanding the trade terms indicated above and subject to Seller's right to stop delivery of Products in transit, title to and risk of loss of the Products will pass to Buyer upon delivery of possession of the Products by Seller to the carrier; provided, however, that title to any software incorporated within or forming a part of the Products shall at all times remain with Seller or the licensor(s) thereof, as the case may be.

WARRANTY: Seller warrants that the Products will operate or perform substantially in conformance with Seller's published specifications and be free from defects in material and workmanship, when subjected to normal, proper and intended usage by properly trained personnel, for the period of time set forth in the product documentation, published specifications or package inserts. If a period of time is not specified in Seller's product documentation, published specifications or package inserts, the warranty period shall be one (1) year from the date of shipment to Buyer for equipment and ninety (90) days for all other products (the "Warranty Period"). Seller agrees during the Warranty Period, to repair or replace, at Seller's option, defective Products so as to cause the same to operate in substantial conformance with said published specifications; provided that Buyer shall (a) promptly notify Seller in writing upon the discovery of any defect, which notice shall include the product model and serial number (if applicable) and details of the warranty claim; and (b) after Seller's review, Seller will provide Buyer with service data and/or a Return Material Authorization ("RMA"), which may include biohazard decontamination procedures and other product-specific handling instructions, then, if applicable, Buyer may return the defective Products to Seller with all costs prepaid by Buyer. Replacement parts may be new or refurbished, at the election of Seller. All replaced parts shall become the property of Seller. Shipment to Buyer of repaired or replacement Products shall be made in accordance with the Delivery provisions of the Seller's Terms and Conditions of Sale.

Consumables are expressly excluded from this warranty. If Seller elects to repair defective medical device instruments, Seller may, in its sole discretion, provide a replacement loaner instrument to Buyer as necessary for use while the instruments are being repaired.

Notwithstanding the foregoing, Products supplied by Seller that are obtained by Seller from an original manufacturer or third party supplier are not warranted by Seller, but Seller agrees to assign to Buyer any warranty rights in such Product that Seller may have from the original manufacturer or third party supplier, to the extent such assignment is allowed by such original manufacturer or third party supplier.

In no event shall Seller have any obligation to make repairs, replacements or corrections required, in whole or in part, as the result of (i) normal wear and tear, (ii) accident, disaster or event of force majeure, (iii) misuse, fault or negligence of or by Buyer, (iv) use of the Products in a manner for which they were not designed, (v) causes external to the Products such as, but not limited to, power failure or electrical power surges, (vi) improper storage and handling of the Products or (vii) use of the Products in combination with equipment or software not supplied by Seller. If Seller determines that Products for which Buyer has requested warranty services are not covered by the warranty hereunder, Buyer shall pay or reimburse Seller for all costs of investigating and responding to such request at Seller's then prevailing time and materials rates. If Seller provides repair services or replacement parts that are not covered by this warranty, Buyer shall pay Seller therefor at Seller's then prevailing time and materials rates. ANY INSTALLATION, MAINTENANCE, REPAIR, SERVICE, RELOCATION OR ALTERATION TO OR

TERMS AND CONDITIONS OF SALE

OF, OR OTHER TAMPERING WITH, THE PRODUCTS PERFORMED BY ANY PERSON OR ENTITY OTHER THAN SELLER WITHOUT SELLER'S PRIOR WRITTEN APPROVAL, OR ANY USE OF REPLACEMENT PARTS NOT SUPPLIED BY SELLER, SHALL IMMEDIATELY VOID AND CANCEL ALL WARRANTIES WITH RESPECT TO THE AFFECTED PRODUCTS.

THE OBLIGATIONS CREATED BY THIS WARRANTY STATEMENT TO REPAIR OR REPLACE A DEFECTIVE PRODUCT SHALL BE THE SOLE REMEDY OF BUYER IN THE EVENT OF A DEFECTIVE PRODUCT. EXCEPT AS EXPRESSLY PROVIDED IN THIS WARRANTY STATEMENT, SELLER DISCLAIMS ALL OTHER WARRANTIES, WHETHER EXPRESS OR IMPLIED, ORAL OR WRITTEN, WITH RESPECT TO THE PRODUCTS, INCLUDING WITHOUT LIMITATION ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE. SELLER DOES NOT WARRANT THAT THE PRODUCTS ARE ERROR-FREE OR WILL ACCOMPLISH ANY PARTICULAR RESULT.

INDEMNIFICATION BY SELLER: Seller agrees to indemnify, defend and save Buyer, its officers, directors, and employees from and against any and all damages, liabilities, actions, causes of action, suits, claims, demands, losses, costs and expenses (including without limitation reasonable attorney's fees) ("Indemnified Items") for (i) injury to or death of persons or damage to property to the extent caused by the negligence or willful misconduct of Seller, its employees, agents or representatives or contractors in connection with the performance of services at Buyer's premises under this Agreement and (ii) claims that a Product infringes any valid United States patent, copyright or trade secret; provided, however, Seller shall have no liability under this Section to the extent any such Indemnified Items are caused by either (i) the negligence or willful misconduct of Buyer, its employees, agents or representatives or contractors, (ii) by any third party, (iii) use of a Product in combination with equipment or software not supplied by Seller where the Product would not itself be infringing, (iv) compliance with Buyer's designs, specifications or instructions, (v) use of the Product in an application or environment for which it was not designed or (vi) modifications of the Product by anyone other than Seller without Seller's prior written approval. Buyer shall provide Seller prompt written notice of any third party claim covered by Seller's indemnification obligations hereunder. Seller shall have the right to assume exclusive control of the defense of such claim or, at the option of the Seller, to settle the same. Buyer agrees to cooperate reasonably with the Seller in connection with the performance by Seller of its obligations in this Section.

Notwithstanding the above, Seller's infringement related indemnification obligations shall be extinguished and relieved if Seller, at its discretion and at its own expense (a) procures for Buyer the right, at no additional expense to Buyer, to continue using the Product; (b) replaces or modifies the Product so that it becomes non-infringing, provided the modification or replacement does not adversely affect the specifications of the Product; or (c) in the event (a) and (b) are not practical, refund to Buyer the amortized amounts paid by Buyer with respect thereto, based on a five (5) year amortization schedule. The foregoing indemnification provision states Seller's entire liability to Buyer for the claims described herein.

INDEMNIFICATION BY BUYER: Seller agrees to indemnify, defend and save Buyer, its officer, directors, and employees from and against any and all damages, liabilities, actions, causes of action, suits, claims, demands, losses, costs and expenses (including without limitation reasonable attorney's fees) ("Indemnified Items") for (i) injury to or death of persons or damage to property to the extent caused by the negligence or willful misconduct of Seller, its employees, agents or representatives or contractors in connection with the performance of services at Buyer's premises under this Agreement and (ii) claims that a Product infringes any valid United States patent, copyright or trade secret; provided, however, Seller shall have no liability under this Section to the extent any such Indemnified Items are caused by either (i) the negligence or willful misconduct of Buyer, its employees, agents or representatives or contractors, (ii) by any third party, (iii) use of a Product in combination with equipment or software not supplied by Seller where the Product would not itself be infringing, (iv) compliance with Buyer's designs, specifications or instructions, (v) use of the Product in an application or environment for which it was not designed or (vi) modifications of the Product by anyone other than Seller without Seller's prior written approval. Buyer shall provide Seller prompt written notice of any third party claim covered by Seller's indemnification obligations hereunder. Seller shall have the right to assume exclusive control of the defense of such claim or, at the

option of the Seller, to settle the same. Buyer agrees to cooperate reasonably with Seller in connection with the performance by Seller of its obligations in this Section.

Notwithstanding the above, Seller's infringement related indemnification obligations shall be extinguished and relieved if Seller, at its discretion and at its own expense (a) procures for Buyer the right, at no additional expense to Buyer, to continue using the Product; (b) replaces or modifies the Product so that it becomes non-infringing, provided the modification or replacement does not adversely affect the specifications of the Product; or (c) in the event (a) and (b) are not practical, refund to Buyer the amortized amounts paid by Buyer with respect thereto, based on a five (5) year amortization schedule. THE FOREGOING INDEMNIFICATION PROVISION STATES SELLER'S ENTIRE LIABILITY TO BUYER FOR THE CLAIMS DESCRIBED HEREIN.

Buyer shall indemnify, defend with competent and experienced counsel and hold harmless Seller, its parent, subsidiaries, affiliates and divisions, and their respective officers, directors, shareholders and employees, from and against any and all damages, liabilities, actions, causes of action, suits, claims, demands, losses, costs and expenses (including without limitation reasonable attorneys' fees and disbursements and court costs) to the extent arising from or in connection with (i) the negligence or willful misconduct of Buyer, its agents, employees, representatives or contractors; (ii) use of a Product in combination with equipment or software not supplied by Seller where the Product itself would not be infringing; (iii) Seller's compliance with designs, specifications or instructions supplied to Seller by Buyer; (iv) use of a Product in an application or environment for which it was not designed; or (v) modifications of a Product by anyone other than Seller without Seller's prior written approval.

SOFTWARE: With respect to any software products incorporated in or forming a part of the Products hereunder, Seller and Buyer intend and agree that such software products are being licensed and not sold, and that the words "purchase", "sell" or similar or derivative words are understood and agreed to mean "license", and that the word "Buyer" or similar or derivative words are understood and agreed to mean "licensee". Notwithstanding anything to the contrary contained herein, Seller or its licensor, as the case may be, retains all rights and interest in software products provided hereunder.

Seller hereby grants to Buyer a royalty-free, non-exclusive, nontransferable license, without power to sublicense, to use software provided hereunder solely for Buyer's own internal business purposes on the hardware products provided hereunder and to use the related documentation solely for Buyer's own internal business purposes. This license terminates when Buyer's lawful possession of the hardware products provided hereunder ceases, unless earlier terminated as provided herein. Buyer agrees to hold in confidence and not to sell, transfer, license, loan or otherwise make available in any form to third parties the software products and related documentation provided hereunder. Buyer may not disassemble, decompile or reverse engineer, copy, modify, enhance or otherwise change or supplement the software products provided hereunder without Seller's prior written consent. Seller will be entitled to terminate this license if Buyer fails to comply with any term or condition herein. Buyer agrees, upon termination of this license, immediately to return to Seller all software products and related documentation provided hereunder and all copies and portions thereof.

Certain of the software products provided by Seller may be owned by one or more third parties and licensed to Seller. Accordingly, Seller and Buyer agree that such third parties retain ownership of and title to such software products. The warranty and indemnification provisions set forth herein shall not apply to software products owned by third parties and provided hereunder.

LIMITATION OF LIABILITY: NOTWITHSTANDING ANYTHING TO THE CONTRARY CONTAINED HEREIN, THE LIABILITY OF SELLER UNDER THESE TERMS AND CONDITIONS (WHETHER BY REASON OF BREACH OF CONTRACT, TORT, INDEMNIFICATION, OR OTHERWISE, BUT EXCLUDING LIABILITY OF SELLER FOR BREACH OF WARRANTY (THE SOLE REMEDY FOR WHICH SHALL BE AS PROVIDED UNDER SECTION 7 ABOVE) SHALL NOT EXCEED AN AMOUNT EQUAL TO THE LESSER OF (A) THE TOTAL PURCHASE PRICE THERETOFORE PAID BY BUYER TO SELLER WITH RESPECT TO THE PRODUCT(S) GIVING RISE TO SUCH LIABILITY OR (B) ONE MILLION DOLLARS (\$1,000,000). NOTWITHSTANDING ANYTHING TO THE CONTRARY CONTAINED HEREIN,

TERMS AND CONDITIONS OF SALE

IN NO EVENT SHALL SELLER BE LIABLE FOR ANY INDIRECT, SPECIAL, CONSEQUENTIAL OR INCIDENTAL DAMAGES (INCLUDING WITHOUT LIMITATION DAMAGES FOR LOSS OF USE OF FACILITIES OR EQUIPMENT, LOSS OF REVENUE, LOSS OF DATA, LOSS OF PROFITS OR LOSS OF GOODWILL), REGARDLESS OF WHETHER SELLER (a) HAS BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES OR (b) IS NEGLIGENT.

EXPORT RESTRICTIONS: Buyer acknowledges that each Product and any related software and technology, including technical information supplied by Seller or contained in documents (collectively "Items"), is subject to export controls of the U.S. government. The export controls may include, but are not limited to, those of the Export Administration Regulations of the U.S. Department of Commerce (the "EAR"), which may restrict or require licenses for the export of Items from the United States and their re-export from other countries. Buyer shall comply with the EAR and all other applicable laws, regulations, laws, treaties, and agreements relating to the export, re-export, and import of any Item. Buyer shall not, without first obtaining the required license to do so from the appropriate U.S. government agency; (i) export or re-export any Item, or (ii) export, re-export, distribute or supply any Item to any restricted or embargoed country or to a person or entity whose privilege to participate in exports has been denied or restricted by the U.S. government. Buyer shall cooperate fully with Seller in any official or unofficial audit or inspection related to applicable export or import control laws or regulations, and shall indemnify and hold Seller harmless from, or in connection with, any violation of this Section by Buyer or its employees, consultants, agents, or customers.

PROMOTION CODE TERMS AND CONDITIONS: Discounts are valid on the purchase of list-price items only through fishersci.com orders. One-time use only. All promotions and discounts are on Fisher Scientific cart items only. Valid in the U.S. only. To redeem, enter the promo code in the box marked promo code at checkout. Free shipping offers apply to standard shipping only. Not valid with any other promotion. Terms are subject to change. Offer void where prohibited, licensed or restricted by federal, state, provincial or local laws or regulation or agency/institutional policy. Other restrictions may apply.

ACCEPTABLE PAYMENT METHODS: The Seller prefers to receive payment via ACH or other electronic interface methods that directly exchange funds between the Buyer's and Seller's bank accounts. The Seller also accepts checks mailed to one of its lockbox remittance locations. Although the Seller does accept credit card payments at the time of purchase, it does not accept credit card payments after the point of sale.

PROMOTIONAL TERMS FOR HEALTHCARE PROVIDERS AND FEDERAL, STATE AND LOCAL GOVERNMENT CUSTOMERS: Many promotions are not available to our current or potential healthcare customers or to federal, state and local government customers.

Healthcare customers include any healthcare practitioner, other healthcare provider or any individual or organization authorized to prescribe, dispense, purchase or influence the acquisition or use of medical devices or supplies for clinical use. Healthcare customers include, without limitation, any "Health Care Practitioner" under the Massachusetts Marketing Code of Conduct Law (defined at 105 C.M.R. §907.004) or a "Health Care Provider" under the Vermont Prescribed Products Gift Ban and Disclosure Law (defined at Vt. Stat. Ann. tit. 18, §4631a(8)). By participating in any promotion that is subject to the above limitations, Buyer warrants that it is not a current or potential healthcare customer or a federal, state and local government customer. Seller reserves the right to determine Buyer's status in the event of a dispute.

In the event that the promotion is available to Healthcare providers, Buyer acknowledges that the offer may include a discount or other price reduction that must be properly and accurately accounted for and reported by Buyer in accordance with all federal and state laws, including without limitation the federal anti-kickback law (42 C.F.R. § 1320a-7b(b) (3)(A)) and regulations thereunder (42 C.F.R. §1001.952(h)).

MISCELLANEOUS: (a) Buyer may not delegate any duties nor assign any rights or claims hereunder without Seller's prior written consent, and any such attempted delegation or assignment shall be void. (b) The rights and obligations of the parties hereunder shall be governed by and construed in accordance with the laws of the Commonwealth of Pennsylvania, without reference to its choice of law provisions. Each party hereby

irrevocably consents to the exclusive jurisdiction of the state and federal courts located in Allegheny County, Pennsylvania, USA, in any action arising out of or relating to this Agreement and waives any other venue to which it may be entitled by domicile or otherwise. (c) In the event of any legal proceeding between the Seller and Buyer relating to this Agreement, neither party may claim the right to a trial by jury, and both parties waive any right they may have under applicable law or otherwise to a right to a trial by jury. Any action arising under this Agreement must be brought within one (1) year from the date that the cause of action arose. (d) The application to this Agreement of the U.N. Convention on Contracts for the International Sale of Goods is hereby expressly excluded. (e) In the event that any one or more provisions contained herein shall be held by a court of competent jurisdiction to be invalid, illegal or unenforceable in any respect, the validity, legality and enforceability of the remaining provisions contained herein shall remain in full force and effect, unless the revision materially changes the bargain. (f) Seller's failure to enforce, or Seller's waiver of a breach of, any provision contained herein shall not constitute a waiver of any other breach or of such provision. (g) Unless otherwise expressly stated on the Product or in the documentation accompanying the Product, the Product is intended for research only and is not to be used for any other purpose, including without limitation, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses, or any type of consumption by or application to humans or animals. (h) Seller shall cooperate with Buyer to monitor invoicing accuracy and will conduct appropriate internal reviews upon request. Reviews shall be limited to once per year and shall cover the prior twelve month period. Reasonable credit shall be given to undercharges and overcharges. If Buyer engages external consultants to review invoice accuracy, Seller reserves the right to charge a reasonable fee for support provided to such party. (i) Buyer agrees that all pricing, discounts and technical information that Seller provides to Buyer are the confidential and proprietary information of Seller. Buyer agrees to (1) keep such information confidential and not disclose such information to any third party, and (2) use such information solely for Buyer's internal purposes and in connection with the Products supplied hereunder. Nothing herein shall restrict the use of information available to the general public. (j) Any notice or communication required or permitted hereunder shall be in writing and shall be deemed received when personally delivered or three (3) business days after being sent by certified mail, postage prepaid, to a party at the address specified herein or at such other address as either party may from time to time designate to the other. (k) Seller may, in its sole discretion, provide (1) applicable Product training to Buyer or its employees, or (2) samples of Products to Buyer for distribution to patients of Buyer. Buyer agrees that any such samples shall be distributed to patients for patient use or, if not so distributed, returned to Seller. Buyer shall not use such samples to provide care to patient and shall not bill patients or third party payers for the provision of such samples.

ACCEPTABLE PAYMENT METHODS: The Seller prefers to receive payment via ACH or other electronic interface methods that directly exchange funds between the Buyer's and Seller's bank accounts. The Seller also accepts checks mailed to one of its lockbox remittance locations. Although the Seller does accept credit card payments at the time of purchase, it does not accept credit card payments after the point of sale.

MEDICARE/MEDICAID REPORTING REQUIREMENTS: If Buyer is a recipient of Medicare/Medicaid funds, Buyer acknowledges that it has been informed of and agrees to fully and accurately account for, and report on its applicable cost report, the total value of any discount, rebate or other compensation paid hereunder in a way that complies with all applicable federal, state and local laws and regulations which establish "Safe Harbor" for discounts. Buyer shall make written request to Seller in the event Buyer requires additional information from Seller in order to meet its reporting requirements. Buyer acknowledges that agreement to such reporting requirement was a condition precedent to Seller's agreement to provide Products and that Seller would not have entered into this Agreement had Buyer not agreed to comply with such obligations.

PRODUCT DESCRIPTIONS: Product Descriptions are provided by the manufacturer of the product and are current as of the date of printing of this catalog. More current descriptions provided by the manufacturers are reflected at fisheredu.com.

LOOK TO FISHER SCIENCE EDUCATION FOR HASSLE-FREE SERVICE • PROMPT DELIVERY • GREAT PRICES • QUALITY PRODUCTS AND SELECTION

FISHER SCIENCE EDUCATION GUARANTEE

At Fisher Science Education, we are committed to providing you with the highest quality products and services possible. If, for any reason, you are not 100% satisfied with your purchase, simply contact our friendly customer service team within 30 days of the invoice date. We will exchange the product, repair or replace the product or issue you a credit for the full purchase price. Simply call us, toll-free, for a Return Authorization Number. Special order items, furniture, and closeouts cannot be exchanged or credited.

HOW TO ORDER

Fisher Science Education offers you many ways to order. So we can serve you quickly, it helps to have your account number available when placing your order. We gladly accept purchase orders issued on School or District letterhead. Registered users may also place orders online at fisheredu.com. For your convenience, we also accept VISA™, MasterCard™, and American Express™ credit cards. For credit card purchases, be ready to provide the card number, the type of card, exact name on the card, expiration date, full address and telephone number.

Mail: Fisher Science Education
4500 Turnberry Drive
Hanover Park, IL 60133

Phone: 1-800-955-1177 • 7 a.m. to 5:30 p.m.,
Central Time – Monday through Friday

Fax: 1-800-955-0740 • 24 hours a day, 7 days a week

Email: fse.custserv@thermofisher.com

Internet: fisheredu.com

Special note on international purchases: Please contact Global Export Customer Service if your order requires export and if the ultimate destination is outside of the United States.

Fisher Scientific Latin America and Global Export Customer Service Center:

3970 John's Creek Court, Suite 500, Suwanee, GA 30024 USA
Telephone (inside the U.S.): 1-800-955-5090
Telephone (outside the U.S.): 770-871-4725
Fax (outside the U.S.): 770-871-4726

PRICES AND PAYMENT

All pricing subject to change.

If you don't have an account and would like one, we'll be happy to set up a user account for you — simply call Customer Service at 1-800-955-1177.

To complete your credit card, check, or money order payments, please include applicable sales tax and 10% of the total price of all products (minimum of \$15) purchased to cover shipping, handling and insurance

Please provide payment (net) within 30 days from the date of the invoice.

If you have any questions about product selection, pricing, or invoicing, please call us at 1-800-955-1177.

SPECIAL PURCHASES

Fisher Science Education will sell BALANCES, CHEMICALS and BACTERIAL CULTURES to educational institutions ONLY. Please submit orders for these products on school letterhead or order them through your registered user account at fisheredu.com.

We will honor your requests for tax-exempt purchases if your account is coded tax-exempt (a signed tax-exempt certificate is on file with Fisher Science Education) or, if purchasing with a credit card, the card is an official tax-exempt card.

Some of the products we sell are time sensitive and must be delivered within a specified period of time. Others may be considered hazardous materials. For time-sensitive materials, please specify the desired delivery date when you want the products to arrive so that you will be available to receive them. There is a charge for time-sensitive and hazardous materials. (See: Shipping Your Order.)

SHIPPING YOUR ORDER

We want your purchase to arrive promptly and undamaged. To ensure this, we only deliver products to a street address, not to a Post Office Box — please remember this when placing your order. Other things to consider for product shipping include:

How should we ship your purchase? We will ship according to your special instructions, whenever possible. Otherwise, we will select the best shipment method, based on the nature of the material, destination, package size and weight.

Do you need extra-quick delivery? Overnight shipping is available for many products at an additional cost, but certain hazardous materials may be exempt from this service — please ask your Customer Service Representative when placing your order.

Is motor freight necessary? Some items must be shipped by motor freight (rather than by small parcel carriers) and will have different shipping costs. These items are noted in our catalog with a "Motor Freight" icon. Call your Customer Service Representative for assistance in calculating these expenses.

Is the material hazardous? There is a single charge of \$27.50 per order for hazardous materials, no matter how many hazardous items are on your order.

Is your purchase live or time-sensitive? Be sure to specify the desired delivery date for all live material orders. Some live products have minimum purchase requirements, require special handling fees or have shipping restrictions. Contact Customer Service for specific details.

ONCE YOU RECEIVE YOUR ORDER

Inspect your shipment! Open and inspect your order immediately upon arrival and notify us of any problems. Report claims for damage within the seven (7) day period after delivery to allow us to remedy problems with shipping companies.

Want to return a product? The dedicated staff at Fisher Science Education Customer Service is committed to resolving any questions or problems you may encounter. Here are the steps to take:

- Please notify us no later than seven (7) days after delivery of any damaged or unsatisfactory shipments
- Obtain a return authorization number from Fisher Science Education Customer Service prior to returning any product.
- Provide the Fisher Science Education Confirmation Number, found in the upper left hand corner of the packing slip or invoice, or your account number and the purchase order number.

NOTE: Products are subject to a fifteen percent (15%) restocking charge, unless they were not supplied in accordance with your order or are defective at the time of delivery.

Products in this catalog are intended for use by children age 13 or over.

LIMITED WARRANTY

Fisher Scientific Company L.L.C. ("Fisher") will make available the manufacturer's warranties, without recourse to Fisher.

However, except as otherwise set forth here, Fisher expressly disclaims all other warranties, whether expressed, implied or statutory, including the warranties of merchantability and fitness for a particular purpose.

In no event shall Fisher be liable for any special, indirect, incidental, consequential or exemplary damages, however arising, even if Fisher Scientific has been advised of the possibility of such damages, out of the sale or use of the products described in this catalog.

Your sole and exclusive remedy for any cause of action arising out of the sale or use of any product described in this catalog shall be repair or replacement of the product or refund of the purchase price at Fisher's option.

Essential Laboratory Units Shower & Eyewash Stations

- Features an emergency drench shower head of high-impact ABS plastic with a stay open chrome-plated brass valve
- Eyewash unit has a 10" diameter stainless steel bowl, lever action ball valve on a HPL top
- Provides convenient storage for lab safety supplies; upper storage space has two adjustable shelves
- Constructed of oak hardwood and veneers with an earth-friendly UV finish
- Lower cabinet locks for security or access for a wheelchair on ADA model
- Service piping not supplied
- Overall dimensions: 36"W x 22"D x 84"H; Weight: 265 lbs

CATALOG #	DESCRIPTION	SIZE	LIST PRICE
S38038	SHOWER & EYEWASH STATION	36"W x 22"D x 84"H	\$5008.00
S38039	ADA SHOWER & EYEWASH STATION	36"W x 22"D x 84"H	\$5027.00



The Perfect Classroom Balance

Work Intuitively—No Manual Required

SCOUT[®] STX

*High-Performance with Intuitive Touchscreen
for High Accuracy and Productivity*

Chemistry students will quickly get to work with the touchscreen interface that operates like a smartphone or tablet.



Integrated draftshield/windring for superior accuracy
on 0.001 g models

Learn more by visiting fisheredu.com/ohaus



Chemicals

2022 Product Catalog

In the United States

Order online: fisheredu.com
Fax an order: 1-800-955-0740
Call customer service: 1-800-955-1177

Fisher Science Education

4500 Turnberry Drive
Hanover Park, IL 60133

