

Chemicals

2024 Product
Catalog

 **fisher science**
education
part of Thermo Fisher Scientific

Featured Suppliers



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



Defined as a medical device by the FDA

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 page 46

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

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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 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 to learn more.

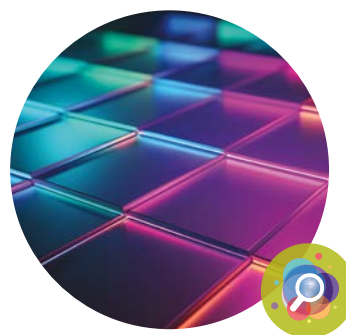
Concerned about shipping and handling fees?

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 2024 catalogs:

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



One way to achieve the hallmark, vibrant colors of neon lights is to mix the neon with other noble gases, such as helium for pink, krypton for green, and argon for blue.

Visit fisheredu.com/headlinediscoveries for more articles and information for your classroom.

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Visit fisheredu.com to view our full offering of products.



PYREX[®]

A Corning Brand



Even then, you knew.

PYREX... the right choice.

Need help choosing supplies?

Use this curated list of products to restock your chemistry classroom, and visit 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		
Eisco Class A Volumetric Pipet, Borosilicate Glass	S89326	Each
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
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; $(\text{NH}_4)_2\text{Cr}_2\text{O}_7$		9
3	F.W. 252.06		
4	CAS: 7789-09-5		
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		12
	S25169*	100 g	13
	S25169A*	500 g	\$29.00
	S25169B*	2 kg	\$59.00
14	 California Proposition 65 WARNING: For more information, visit P65Warnings.ca.gov *WARNING: Cancer **WARNING: Reproductive Harm ***WARNING: Cancer and Reproductive Harm		

- 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.



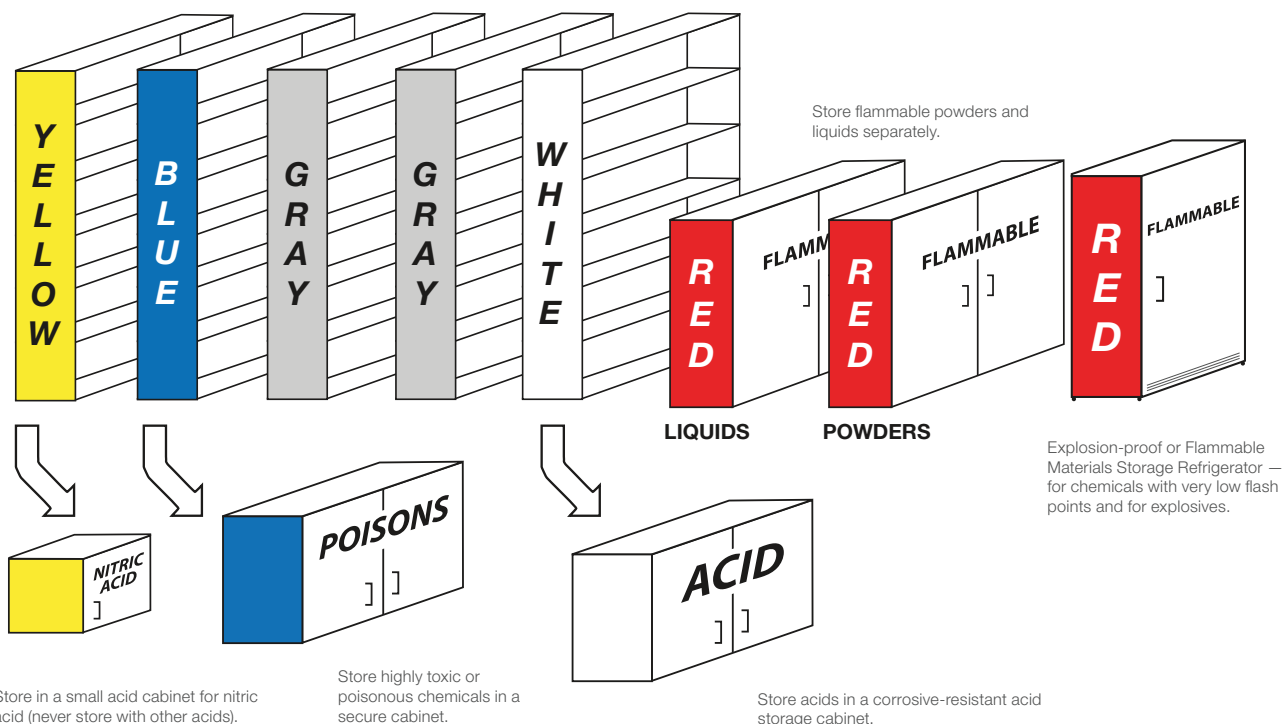
Gray – Moderate Hazard

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

Lot #: **3**
Expires: **4**
Size: 100g

SIGNAL WORD: Danger

Proper Shipping Name: Ammonium Dichromate
UN Identification Number: UN1439

2



7

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


9

Storage Code Yellow

Film 148 - product does not originate from Flinn Scientific, Inc.




SDS




INFO

8



13

CONTAINS:
Ammonium Dichromate CAS#
7789-09-5












S25169

Supplied By: Fisher Science Education, 6771 Silver Crest Road, Nazareth, PA 18064. Business Phone: 800 955-1177 Emergency Phone: 800-255-3924

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

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

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
3	Can cause serious or permanent injury	Can be ignited under almost all ambient temperatures	May explode at high temperature or shock	ACID	Acidic
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	COR	Corrosive
1	Can cause significant irritation	Must be preheated before ignition can occur	Normally stable. High temperatures make unstable	OX	Oxidizing
0	No hazard	Will not burn	Stable	☢	Radioactive
				W	Reacts violently or explosively with water
				W OX	Reacts violently or explosively with water and oxidizing

Restrictions on Sale of Chemicals

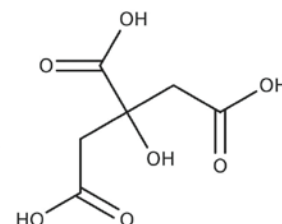
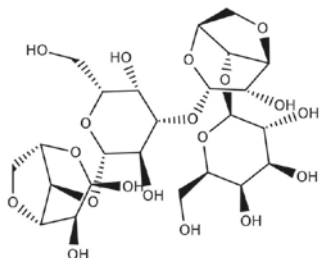
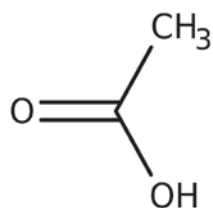
Chemicals can be sold only to institutions, to full-time educators, and to professionals, on purchase order or organization letterhead. We are not permitted to honor student orders.

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	500 mL	S25118A
Fisher Science Education Acetone	4 L	S25120A
Fisher Science Education Agarose	25 g	S25128
Fisher Science Education Albumin, from Eggs	25 g	S25132
Fisher Science Education Biuret Reagent	500 mL	S25200A
Fisher Science Education Calcium Chloride Di-Hydrate	500 g	S25222A
Fisher Science Education Citric Acid, Anhydrous	500 g	S25255A
Fisher Science Education Ethyl Alcohol, 95%, Denatured with MIBK	500 mL	S25310
Fisher Science Education Hydrochloric Acid, 12M, ACS	2.5 L	S25838
Fisher Science Education Hexanes	4 L	S25352A
Fisher Science Education Hydrogen Peroxide, 30% Solution	500 mL	S25360
Fisher Science Education Magnesium Metal (Ribbon/Turnings)	50 g	S25397
Fisher Science Education Phenolphthalein Indicator	100 g	S25466A
Fisher Science Education Potassium Iodide	500 g	S25493B
Fisher Science Education Silver Nitrate	25 g	S25525
Fisher Science Education Sodium Bicarbonate	500 g	S25533C
Fisher Science Education Corn Starch	500 g	S25580
Fisher Science Education White Vinegar	3.8 L	S25623A
Fisher Science Education Distilled Water	1 gal.	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.

Acacia

Gum Arabic

CAS: 9000-01-5

Color: White to Yellow

Solubility in Water: Soluble

Shelf Life: 5 years

SOLID

S25114	100 g	\$12.50
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MODERATE HAZARD

AcetamideAcetic Acid Amide; CH₃CONH₂

F.W. 59.06

CAS: 60-35-5

Color: White

Solubility in Water: Soluble

Shelf Life: 2 years

CRYSTALS

S25116*	100 g	\$17.75
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MODERATE HAZARD

AcetanilideN-Phenylacetamide; CH₃CONHC₆H₅

F.W. 135.17

CAS: 103-84-4

Color: White

Solubility in Water: Slightly soluble

Shelf Life: 5 years

GLISTENING CRYSTALS

S25117	100 g	\$33.25
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MODERATE HAZARD

Acetic Acid Solution

Color: Clear

Solubility in Water: Soluble in water

DOT Class 8, III: Corrosive

0.1M

S25840	1 L	\$18.00
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1.0M

S25840A	1 L	\$17.50
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MODERATE HAZARD

CORROSIVE

6M

S25840B	1 L	\$19.25
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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

ACS GRADE

S25118B	500 mL	\$22.25
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S25118	2.5 L	\$78.00
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ACS GRADE, SAFECOTE

S25118A	500 mL	\$20.25
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FLAMMABLE

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

LAB GRADE

S25119	100 mL	\$12.25
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REAGENT GRADE

S25119A	500 mL	\$27.75
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FLAMMABLE

Aceto-Orcein Solution, 2%

Color: Violet

Solubility in Water: Soluble in water

Shelf Life: 2 years

DOT Class 8, III: Corrosive

2% SOLUTION

S25121	30 mL	\$15.25
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S25121A	100 mL	\$43.50
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CORROSIVE

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

ACS GRADE

S25120	500 mL	\$16.75
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S25120A	4 L	\$42.50
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HISTOLOGY GRADE

S25904	4 L	\$43.50
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REAGENT GRADE

S25120B	500 mL	\$13.25
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S25120C	20 L	\$175.00
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FLAMMABLE

Acetylcholine Chloride Solution, 0.01%

Color: Clear, colorless

Solubility in Water: Soluble

Shelf Life: 2 years

0.01% SOLUTION

S25652	100 mL	\$12.00
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MODERATE HAZARD

Acetylsalicylic AcidAspirin; 2-(CH₃CO)₂C₆H₄CO₂H

F.W. 180.16

CAS: 50-78-2

Color: White

Solubility in Water: Soluble

Shelf Life: 2 years

DOT Class 6.1, III: Poison

LAB GRADE

S25122**	100 g	\$14.50
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HEALTH HAZARD

Adenosine Triphosphate (ATP)ATP; C₁₀H₁₄N₅O₁₃P₃Na₂·3H₂O

F.W. 551.18

CAS: 987-65-5

Color: White solid

Shelf Life: 5 years

SOLID

S25123	1 g	\$32.75
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MODERATE HAZARD

Adipic Acid

1,4-Butanedicarboxylic Acid;

HO₂C(CH₂)₄CO₂H

F.W. 146.14

CAS: 124-04-9

Color: White powder

Solubility in Water: Insoluble

Shelf Life: 2 years

POWDER

S25124	500 g	\$17.25
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MODERATE HAZARD

Adipoyl Chloride, Hexane Solution

Diproyl

Color: Clear, colorless

Solubility in Water: Insoluble

Shelf Life: One year

DOT Class 3 (8), II: Flammable Liquid

SOLUTION

S25125	100 mL	\$22.75
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REAGENT GRADE

S25125A	250 mL	\$43.00
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FLAMMABLE

L-Adrenaline Solution, 0.01%Epinephrine; C₉H₁₃NO₃

Color: Clear, colorless

Solubility in Water: Soluble

Shelf Life: 18 months

0.01% SOLUTION

S25126	100 mL	\$11.75
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MODERATE HAZARD

Agar, Bacteriological

Gelose

CAS: 9002-18-0

Color: Light beige

Solubility in Water: Soluble in hot water

Shelf Life: 2 years

SOLID

S25127	100 g	\$22.50
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S25127A	500 g	\$71.00
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MODERATE HAZARD

Agarose

Powder

CAS: 9012-36-6

Color: Yellow-brown to orange-yellow

Shelf Life: 2 years

POWDER

S25128A	5 g	\$28.00
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S25128	25 g	\$63.75
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MODERATE HAZARD



Agarose Solution

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

MODERATE HAZARD

0.8% SOLUTION		
S25129	200 mL	\$19.75
2% SOLUTION		
S25130	200 mL	\$20.75

L-Alanine

(S)-Alanine; $\text{CH}_3\text{CH}(\text{NH}_2)\text{CO}_2\text{H}$
F.W. 89.09
CAS: 56-41-7
Color: White
Solubility in Water: Soluble
Shelf Life: 5 years

MODERATE HAZARD

SOLID		
S25647	5 g	\$39.25

Albumin, from Eggs

Egg Albumin
CAS: 9006-59-1
Color: Yellow
Solubility in Water: Soluble in water
Shelf Life: 1 year

MODERATE HAZARD

REAGENT GRADE		
S25132	25 g	\$8.85
S25132A	100 g	\$15.00
S25132B	500 g	\$61.00

Alizarin Red S

Mordant Red 3; $\text{C}_{14}\text{H}_7\text{NaO}_7\text{S}$
F.W. 342.26
CAS: 130-22-3
Color: pH 4.6 (Yellow); pH 6.0 (Red)
Solubility in Water: Soluble
Shelf Life: 5 years

MODERATE HAZARD

SOLID		
S25131	25 g	\$19.00

Alizarin Yellow R, Indicator Solution

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

MODERATE HAZARD

0.1% SOLUTION		
S25134A	100 mL	\$10.75
S25134	500 mL	\$17.00

Alizarin Yellow R, Sodium Salt

Mordant Orange 1; $\text{C}_{13}\text{H}_8\text{N}_3\text{O}_5\text{Na}$
CAS: 1718-34-9
Color: Brown yellow, Red brown or Brown
Solubility in Water: Soluble in water
Shelf Life: 5 years

MODERATE HAZARD

SOLID		
S25133A	10 g	\$12.25

Aluminon

Aurin Tricarboxylic Acid; $\text{C}_{22}\text{H}_{23}\text{N}_3\text{O}_9$
F.W. 473.44
CAS: 569-58-4
Color: Red-brown
Solubility in Water: Soluble in water
Shelf Life: 5 years

MODERATE HAZARD

REAGENT GRADE		
S25140	5 g	\$19.25
S25140A	25 g	\$39.50

Aluminum Ammonium Sulfate, Dodecahydrate

Ammonium Alum; $\text{AlNH}_4(\text{SO}_4)_2 \cdot 12\text{H}_2\text{O}$
F.W. 453.32
CAS: 7784-26-1
Color: White
Solubility in Water: Soluble
Shelf Life: 5 years

MODERATE HAZARD

REAGENT GRADE		
S25142A	500 g	\$15.25

Aluminum Chloride, Hexahydrate

Trichloraluminum Hexahydrate;
 $\text{AlCl}_3 \cdot 6\text{H}_2\text{O}$
F.W. 241.43
CAS: 7784-13-6
Color: White
Solubility in Water: Soluble
Shelf Life: 1 year
DOT Class 8, II: Corrosive
 Reacts strongly with water

CORROSIVE

REAGENT GRADE		
S25143	100 g	\$15.25
S25143A	500 g	\$26.50

Aluminum Hydroxide

Aluminum (III) Hydroxide; $\text{Al}(\text{OH})_3 \cdot \text{XH}_2\text{O}$
F.W. 78.00
CAS: 21645-51-2
Color: White
Solubility in Water: Insoluble in water
Shelf Life: 5 years

MODERATE HAZARD

LAB GRADE		
S25147	100 g	\$11.25
S25147A	500 g	\$23.50

Aluminum Metal

Al
F.W. 26.98
CAS: 7429-90-5
Color: Silver-gray
Solubility in Water: Insoluble
Shelf Life: 5 years
 Reacts with water or moisture

MODERATE HAZARD

LAB GRADE - GRANULAR, 10 TO 30 MESH		
S25141	100 g	\$8.55
S25141A	500 g	\$54.50
LAB GRADE - METAL STRIPS		
S25146	30/Pk	\$17.75
REAGENT GRADE - PELLETS, 2 TO 5 MESH		
S25150	500 g	\$21.50
REAGENT GRADE - SHEETS, 12 X 12 X 0.03"		
S25145	Ea.	\$33.75

Aluminum Nitrate, Nonahydrate

Nitric Acid Aluminum Salt; $\text{Al}(\text{NO}_3)_3 \cdot 9\text{H}_2\text{O}$
F.W. 375.13
CAS: 7784-27-2
Color: Colorless to white
Solubility in Water: Soluble
Shelf Life: 5 years
DOT Class 5.1, III: Oxidizer

REACTIVE & OXIDIZING

REAGENT GRADE		
S25148	100 g	\$8.70
S25148A	500 g	\$31.75

Aluminum Oxide, Anhydrous

Alumina; Al_2O_3
F.W. 101.96
CAS: 1344-28-1
Color: White
Solubility in Water: Insoluble in water
Shelf Life: 5 years

MODERATE HAZARD

LAB GRADE - POWDER		
S25149	100 g	\$13.00
S25149A	500 g	\$23.75

Aluminum Potassium Sulfate, Dodecahydrate

Alum; $\text{AlK}(\text{SO}_4)_2 \cdot 12\text{H}_2\text{O}$
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	30 g	\$4.65
S25152D	500 g	\$12.75
S25152C	2 kg	\$31.50
REAGENT GRADE - POWDER		
S25152B	500 g	\$22.50

Aluminum Sulfate Solution, 0.1M

Color: Clear
Solubility in Water: Infinite

MODERATE HAZARD

0.1M		
S25841	500 mL	\$13.75

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	500 g	\$9.60



Aluminum, Powder

Al
F.W. 26.98
CAS: 7429-90-5
Color: Silver to gray
Solubility in Water: Insoluble
Shelf Life: 2 years
Reacts with water or moisture

FLAMMABLE**REAGENT GRADE - POWDER**

S25144	100 g	\$16.75
S25144A	500 g	\$34.00

Ammonia Solution

Ammonium hydrate
Color: Colorless
Solubility in Water: Soluble
Shelf Life: 5 years

MODERATE HAZARD**SOLUTION**

S25164	500 mL	\$10.25
S25164A	1 L	\$9.50
S25164B	1 gal.	\$13.50

Ammonium Acetate

Acetic Acid, Ammonium Salt; $\text{NH}_4\text{C}_2\text{H}_3\text{O}_2$
F.W. 77.08
CAS: 631-61-8

MODERATE HAZARD

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

REAGENT GRADE

S25165*	500 g	\$28.25
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Ammonium Carbonate

$(\text{NH}_4)_2\text{CO}_3$
F.W. 96.07
CAS: 506-87-6

MODERATE HAZARD

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

LAB GRADE - CHIPS

S25166	100 g	\$13.25
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LAB GRADE - LUMPS

S25166A	500 g	\$29.75
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LAB GRADE - POWDER

S25167	500 g	\$20.25
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Ammonium Chloride

Sal Ammoniac; NH_4Cl
F.W. 53.49
CAS: 12125-02-9

MODERATE HAZARD

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

LAB GRADE

S25168B	500 g	\$9.50
S25168C	2 kg	\$26.00

REAGENT GRADE

S25168	100 g	\$6.15
S25168A	500 g	\$16.25

Ammonium Chloride Solution, 1M

Color: Clear
Solubility in Water: Infinite
1M

MODERATE HAZARD

S25842	500 mL	\$13.50
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Ammonium Dichromate

Ammonium Bichromate; $(\text{NH}_4)_2\text{Cr}_2\text{O}_7$
F.W. 252.06
CAS: 7789-09-5

REACTIVE & OXIDIZING

Color: Orange to red
Solubility in Water: Soluble
Shelf Life: 1 year
DOT Class 5.1, II: Oxidizer

LAB GRADE - CRYSTAL

S25169*	100 g	\$9.15
S25169A*	500 g	\$24.75
S25169B*	2 kg	\$61.50

Ammonium Hydroxide Solution, 0.1M

Color: Clear
Solubility in Water: Infinite

MODERATE HAZARD**0.1M**

S25843	1 L	\$15.75
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Ammonium Hydroxide Solution, 1M

Ammonium Hydrate; NH_4OH
F.W. 35.04

CORROSIVE

CAS: 1336-21-6
Color: Clear, colorless
Solubility in Water: Infinite
Shelf Life: 5 years
DOT Class 8, III: Corrosive

REAGENT GRADE - SAFECOTE

S25159	500 mL	\$20.75
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REAGENT GRADE

S25159A	2.5 L	\$62.75
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1M

S25170	500 mL	\$10.25
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Ammonium Hydroxide Solution, 3M

Color: Clear
Solubility in Water: Infinite
DOT Class 8, III: Corrosive

CORROSIVE**3M**

S25844	500 mL	\$10.25
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Ammonium Molybdate, Tetrahydrate

Ammonium Heptamolybdate
Tetrahydrate; $(\text{NH}_4)_6\text{Mo}_7\text{O}_{24}\cdot 4\text{H}_2\text{O}$
F.W. 1235.86

MODERATE HAZARD

CAS: 12027-67-7
Color: White
Solubility in Water: Soluble in water
Shelf Life: 5 years

ACS GRADE

S25171	100 g	\$34.50
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Ammonium Nitrate

Nitric Acid Ammonium Salt; NH_4NO_3
F.W. 80.04
CAS: 6484-52-2

REACTIVE & OXIDIZING

Color: White
Shelf Life: 2 years
DOT Class 5.1, III: Oxidizer
Explosive under high temperatures

ACS GRADE

S25172	500 g	\$24.25
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LAB GRADE

S25173	100 g	\$7.00
S25160	500 g	\$14.50

Ammonium Oxalate, Monohydrate

Oxalic Acid; $(\text{NH}_4)_2\text{C}_2\text{O}_4\cdot\text{H}_2\text{O}$
F.W. 142.11

HEALTH HAZARD

CAS: 6009-70-7

Color: White
Solubility in Water: Soluble
Shelf Life: 5 years
DOT Class 6.1, III: Poison

LAB GRADE - CRYSTAL

S25174	100 g	\$18.00
S25174A	500 g	\$39.50

Ammonium Persulfate

Ammonium Peroxydisulfate; $(\text{NH}_4)_2\text{S}_2\text{O}_8$
F.W. 228.19
CAS: 7727-54-0

REACTIVE & OXIDIZING

Color: White
Solubility in Water: Soluble in water
Shelf Life: 5 years
DOT Class 5.1, III: Oxidizer

POWDER

S25178	100 g	\$8.70
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Ammonium Phosphate, Dibasic

Diammonium Hydrogen Phosphate;
 $(\text{NH}_4)_2\text{HPO}_4$
F.W. 132.06

MODERATE HAZARD

CAS: 7783-28-0

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

REAGENT GRADE

S25175A	100 g	\$10.75
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Ammonium Phosphate, Monobasic

Ammonium dihydrogen phosphate;
 $\text{NH}_4\text{H}_2\text{PO}_4$
F.W. 115.03

MODERATE HAZARD

CAS: 7722-76-1

Density: 1.800
Color: White
Solubility in Water: Soluble in water
Shelf Life: 5 years

LAB GRADE - POWDER

S25153	100 g	\$4.40
S25153A	500 g	\$32.25

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

REAGENT GRADE**S25176** 100 g \$7.90**S25176A** 500 g \$17.50

MODERATE HAZARD

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***LAB GRADE - CRYSTALLINE POWDER****S25158** 500 g \$28.50**REAGENT GRADE - CRYSTALLINE POWDER****S25177** 100 g \$12.75**S25154** 500 g \$36.00

HEALTH HAZARD

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***SOLUTION****S25181** 500 mL \$22.25

FLAMMABLE

 α -Amylase

alpha-Amylase

CAS: 9000-90-2

Color: White-yellow

Shelf Life: 5 years

SOLUTION**S25135A** 5 g \$11.50**S25135B** 10 g \$22.25**S25135** 25 g \$17.50

MODERATE HAZARD

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***SOLUTION****S25179** 100 mL \$28.50

HEALTH HAZARD

Antacid, Effervescent

CAS: 471-34-1

Shelf Life: 2 years

TABLET**S25180** 24 Pk \$18.50

MODERATE HAZARD

Antimony

Stibium; Sb

F.W. 121.75

CAS: 7440-36-0

Color: Silver white

Solubility in Water: Insoluble in water

Shelf Life: 5 years

SOLID**S25182** 25 g \$7.95

MODERATE HAZARD

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***CRYSTALS****S25183** 100 g \$15.25

CORROSIVE

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

SOLID**S25650** 25 g \$113.00

MODERATE HAZARD

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

POWDER**S25651** 25 g \$188.00

MODERATE HAZARD

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

REAGENT GRADE - POWDER CRYSTALS**S25184** 100 g \$19.75

MODERATE HAZARD

L-AsparagineAspartic Acid; $\text{C}_4\text{H}_8\text{N}_2\text{O}_3 \cdot \text{H}_2\text{O}$

F.W. 150.14

CAS: 5794-13-8

Color: White

Solubility in Water: Soluble

Shelf Life: 5 years

POWDER**S25653** 25 g \$33.75

MODERATE HAZARD

Baking Powder

Color: White

Shelf Life: 5 years

POWDER**S25185** 100 g \$4.95

MODERATE HAZARD

Barium CarbonateBarium Dichloride; BaCO_3

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***POWDER****S25186** 100 g \$18.75

HEALTH HAZARD

Barium Chloride, DihydrateBarium Dichloride; $\text{BaCl}_2 \cdot 2\text{H}_2\text{O}$

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***REAGENT GRADE****S25187** 500 g \$26.75**S25187A** 2 kg \$55.75

HEALTH HAZARD

Barium Hydroxide, Octahydrate $\text{Ba}(\text{OH})_2 \cdot 8\text{H}_2\text{O}$

F.W. 315.48

CAS: 12230-71-6

Color: White

Shelf Life: One year

DOT Class 8, III: *Corrosive***LAB GRADE****S25189** 500 g \$24.00**REAGENT GRADE****S25188** 100 g \$11.25**S25188A** 500 g \$31.50

CORROSIVE

Barium NitrateBarium Dinitrate; $\text{Ba}(\text{NO}_3)_2$

F.W. 261.34

CAS: 10022-31-8

Color: White

Solubility in Water: Moderate

Shelf Life: 5 years

DOT Class 5.1, II: *Oxidizer***LAB GRADE****S25190A** 500 g \$13.50**REAGENT GRADE****S25190** 100 g \$8.00**S25190B** 500 g \$24.75

REACTIVE & OXIDIZING

Barium Nitrate Solution, 0.1M

Color: Clear

Solubility in Water: Soluble in water

REAGENT GRADE**S25845** 500 mL \$6.55

MODERATE HAZARD



Barium Sulfate

Artificial Barite; BaSO₄
F.W. 233.40

CAS: 7727-43-7

Color: White to yellow

Solubility in Water: Insoluble

Shelf Life: 5 years

LAB GRADE

S25191A	500 g	\$20.00
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MODERATE HAZARD

Beef Extract**POWDER**

S25661A	100 g	\$41.00
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Beeswax

CAS: 8012-89-3

Color: White to yellow

Solubility in Water: Insoluble

Shelf Life: 5 years

SOLID

S25192	100 g	\$13.75
S25192A	500 g	\$42.50

MODERATE HAZARD

Benedict's Solution, Qualitative

Color: Clear blue

Shelf Life: 2 years

SOLUTION

S25193	500 mL	\$7.40
S25193A	1 L	\$15.50
S25193B	3.8 L	\$41.75

MODERATE HAZARD

Benedict's Solution, Quantitative

Color: Clear

Solubility in Water: Completely soluble

Shelf Life: 2 years

SOLUTION

S25194	1 L	\$21.00
S25194A	3.8 L	\$50.25

MODERATE HAZARD

Benzoic Acid

Benzenemethanoic Acid; C₆H₅COOH
F.W. 122.12

CAS: 65-85-0

Color: White

Solubility in Water: Soluble

Shelf Life: 5 years

LAB GRADE - POWDER

S25195	500 g	\$20.50
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MODERATE HAZARD

Benzophenone

Diphenyl 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*

SOLID

S25664B*	100 g	\$29.50
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HEALTH HAZARD

Benzoyl Peroxide

Benzoic 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*

POWDER

S25672	25 g	\$35.50
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REACTIVE & OXIDIZING

Benzyl Alcohol

Benzenemethanol; C₆H₅CH₂OH

F.W. 108.14

CAS: 100-51-6

Color: Clear Colorless

Solubility in Water: Slightly soluble

Shelf Life: 2 years

SOLUTION

S25666	100 mL	\$21.00
S25666A	500 mL	\$68.50

MODERATE HAZARD

Bile Salts

Ox Bile

Color: Yellow-green

Solubility in Water: Soluble in water

Shelf Life: 2 years

SOLID

S25196	25 g	\$17.00
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MODERATE HAZARD

Bismuth

Bi

F.W. 208.98

CAS: 7440-69-9

Color: Silver/white or red

Solubility in Water: Insoluble in water

Shelf Life: 5 years

SOLID

S25197A	100 g	\$40.25
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MODERATE HAZARD

Bismuth Nitrate

Bismuth (III) Nitrate, Pentahydrate;

Bi(NO₃)₃·5H₂O

F.W. 485.11

CAS: 10035-06-0

Color: White

Shelf Life: One year

DOT Class 5.1, II: *Oxidizer*

LAB GRADE - CRYSTALS

S25198A	25 g	\$20.75
S25198B	100 g	\$49.75

REACTIVE & OXIDIZING

Biuret

Imidodicarbonic Diamide;

NH₂CONHCONH₂

F.W. 103.08

CAS: 108-19-0

Color: White

Solubility in Water: Soluble

Shelf Life: 2 years

SOLID

S25199	50 g	\$24.00
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MODERATE HAZARD

Biuret Reagent

Color: Clear blue

Solubility in Water: Infinite

Shelf Life: 2 years

DOT Class 8, III: *Corrosive*

For protein test

SOLUTION

S25200	100 mL	\$2.75
S25200A	500 mL	\$9.90
S25200B	1 L	\$12.25

CORROSIVE

Boiling Chips, Marble

Limestone

F.W. 100.09

CAS: 471-34-1

Color: Gray to tan

Solubility in Water: Insoluble

Shelf Life: 5 years

SOLID

S25201	100 g	\$5.30
S25201A	500 g	\$7.65
S25201C	2 kg	\$16.00
S25201B	Solid: 500 g	\$4.95

MODERATE HAZARD

Boric Acid

Boracic Acid; H₃BO₃

F.W. 61.83

CAS: 10043-35-3

Color: White

Solubility in Water: Partly soluble in water

Shelf Life: 5 years

LAB GRADE

S25202	100 g	\$16.25
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REAGENT GRADE

S25202A	100 g	\$9.60
S25202B	500 g	\$16.75

MODERATE HAZARD

Brass Shot

Color: Yellowish

Shelf Life: 5 years

METAL

S25663	100 g	\$20.25
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MODERATE HAZARD

Brilliant Cresyl Blue Staining Solution

Brilliant Blue G

Color: Clear blue

Solubility in Water: Soluble

Shelf Life: 18 months

SOLUTION

S25668	100 mL	\$28.25
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MODERATE HAZARD

Bromocresol Green Solution

BCG

Color: Green

Solubility in Water: Infinite

Shelf Life: 18 months

0.04% W/V SOLUTION

S25846	100 mL	\$4.80
S25205	500 mL	\$17.50

MODERATE HAZARD

Bromcresol Purple Indicator Solution, 0.04%

Color: Red

Solubility in Water: Infinite

Shelf Life: 18 months

MODERATE HAZARD

0.04% SOLUTION

S25847	100 mL	\$8.15
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BromobenzeneBromobenzol; C₆H₅Br

F.W. 157.01

CAS: 108-86-1

Color: Clear Colorless

Solubility in Water: Insoluble

Shelf Life: 5 years

DOT Class 3, III: *Flammable Liquid*

FLAMMABLE

SOLUTION

S25665	50 mL	\$27.25
S25665A	100 mL	\$55.75

Bromocresol GreenBCG; C₂₁H₁₃Br₄NaO₅S

F.W. 720.00

CAS: 62625-32-5

Color: Brown

Solubility in Water: Soluble in water

Shelf Life: 5 years

MODERATE HAZARD

SOLID

S25204	5 g	\$42.75
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Bromothymol Blue Solution, 0.04%

Color: Dark Green

Solubility in Water: Infinite

Shelf Life: 18 months

MODERATE HAZARD

0.04% SOLUTION

S25207	10 mL	\$4.60
S25207A	100 mL	\$5.40
S25207B	500 mL	\$11.00
S25207C	1 L	\$9.30

Bromothymol Blue, Sodium SaltC₂₇H₂₇Br₂O₅SNa

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	5 g	\$22.25
S25206A	10 g	\$31.50

Bromphenol Blue Indicator Solution, 0.04%

Color: Dark Red-Purple

Solubility in Water: Infinite

MODERATE HAZARD

0.04% SOLUTION

S25848	100 mL	\$4.40
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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	100 mL	\$8.75
S25209A	500 mL	\$19.75
S25209B	4 L	\$88.00

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	100 mL	\$12.25
S25210B	500 mL	\$24.75

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	100 mL	\$11.25
S25662A	500 mL	\$20.50

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	25 mL	\$32.75
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Butylated Hydroxy TolueneBHT; ((CH₃)₂C)CH₂CH₂C₆H₄OH

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	100 g	\$24.50
S25212	500 g	\$32.75

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	100 mL	\$15.50
S25211A	500 mL	\$33.00

Cadmium Metal

Cd

F.W. 112.4

CAS: 7440-43-9

Density: 8.64g/mL at 25&deg;C

Color: Silver White Granules

Solubility in Water: Insoluble

Shelf Life: 5 years

HEALTH HAZARD

SOLID

S25213***	100 g	\$21.75
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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

S25214A***	100 g	\$23.50
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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	25 g	\$12.25
S25215A	100 g	\$35.00

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	25 g	\$21.00
S25216A	500 g	\$107.00

REAGENT GRADE - TURNINGS

S25217	25 g	\$24.00
S25217A	100 g	\$30.00
S25217B	500 g	\$76.00



Calcium Acetate, MonohydrateCalcium Ethanoate; $\text{Ca}(\text{C}_2\text{H}_3\text{O}_2)_2 \cdot \text{H}_2\text{O}$

F.W. 176.13

CAS: 5743-26-0

Color: White

Solubility in Water: Soluble

Shelf Life: 1 year

LAB GRADE

S25218	100 g	\$6.35
S25218A	500 g	\$15.00

MODERATE HAZARD

Calcium Carbide CaC_2

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

LAB GRADE

S25219	100 g	\$9.40
S25219A	500 g	\$19.00

FLAMMABLE

Calcium Carbonate CaCO_3

F.W. 100.09

CAS: 471-34-1

Color: White

Solubility in Water: Slightly

Shelf Life: 5 years

NATURAL CHALK - SOLID

S25220B	500 g	\$9.00
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REAGENT GRADE - SOLID

S25220	100 g	\$7.90
S25220A	500 g	\$12.50
S25220C	2.5 kg	\$26.75

MODERATE HAZARD

Calcium Chloride, AnhydrousDowflake; CaCl_2

F.W. 110.99

CAS: 10043-52-4

Color: Beige

Solubility in Water: Soluble in water

Shelf Life: 1 year

SOLID

S25223	500 g	\$7.80
S25223A	2 kg	\$20.75

MODERATE HAZARD

Calcium Chloride, Dihydrate $\text{CaCl}_2 \cdot 2\text{H}_2\text{O}$

F.W. 147.02

CAS: 10035-04-8

Color: White

Solubility in Water: Soluble

Shelf Life: 1 year

LAB GRADE - FLAKES

S25221	100 g	\$2.90
S25221A	500 g	\$9.55

LAB GRADE - POWDER

S25222	100 g	\$7.95
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REAGENT GRADE

S25222A	500 g	\$20.25
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MODERATE HAZARD

Calcium HydroxideSlaked lime; $\text{Ca}(\text{OH})_2$

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***LAB GRADE**

S25225	500 g	\$8.60
S25225A	1.5 kg	\$22.25

REAGENT GRADE

S25224	500 g	\$13.25
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CORROSIVE

Calcium Nitrate, Tetrahydrate

Nitric Acid, Calcium Salt, Tetrahydrate;

 $\text{Ca}(\text{NO}_3)_2 \cdot 4\text{H}_2\text{O}$

F.W. 236.16

CAS: 13477-34-4

Color: White

Solubility in Water: Soluble

Shelf Life: 1 year

DOT Class 5.1, III: *Oxidizer***REAGENT GRADE**

S25226	100 g	\$8.95
S25226A	500 g	\$20.75

REACTIVE & OXIDIZING

Calcium OxideQuicklime; 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***LAB GRADE - POWDER**

S25227	100 g	\$6.05
S25227A	500 g	\$15.50

CORROSIVE

Calcium Phosphate Monobasic, Monohydrate $\text{Ca}(\text{H}_2\text{PO}_4)_2 \cdot \text{H}_2\text{O}$

F.W. 252.07

CAS: 10031-30-8

Color: Colorless

Solubility in Water: Partially soluble

Shelf Life: 2 years

SOLID

S25228	100 g	\$9.20
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MODERATE HAZARD

Calcium Sulfate, DihydrateCalcium (II) Sulfate; $\text{CaSO}_4 \cdot 2\text{H}_2\text{O}$

F.W. 172.17

CAS: 10101-41-4

Color: White

Shelf Life: 5 years

REAGENT GRADE - POWDER

S25230	100 g	\$14.25
S25230A	500 g	\$26.00

MODERATE HAZARD

Calcium Sulfate, HemihydratePlaster of Paris; $\text{CaSO}_4 \cdot 1/2\text{H}_2\text{O}$

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

SOLID

S25231	500 g	\$7.45
S25231A	2.5 kg	\$22.75

MODERATE HAZARD

Calmagite $\text{C}_{17}\text{H}_{14}\text{N}_4\text{O}_5\text{S}$

F.W. 358.38

CAS: 3147-14-6

Color: Black

Solubility in Water: Soluble

Shelf Life: 2 years

DOT Class 8, III: *Corrosive***SOLID**

S25674	5 g	\$38.25
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CORROSIVE

Camphor2-Bornanone; $\text{C}_{10}\text{H}_{16}\text{O}$

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***LAB GRADE**

S25232	25 g	\$8.25
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REAGENT GRADE

S25232A	100 g	\$18.00
S25232B	500 g	\$24.50

FLAMMABLE

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***0.3% SOLUTION**

S25233**	100 mL	\$11.25
S25233A**	500 mL	\$32.75

FLAMMABLE

Carbonic Acid Solution, pH 5.7Simulated Acid Rain; H_2CO_3

Color: Clear, colorless

Shelf Life: 2 years

SOLUTION

S25234	500 mL	\$12.75
S25234A	4 L	\$22.75

MODERATE HAZARD

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

SOLID

S25235 100 g \$5.50

S25235A 250 g \$12.00

MODERATE HAZARD

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 100 mL \$16.00

FLAMMABLE

Casein

Milk Protein

CAS: 9000-71-9

Color: White

Solubility in Water: Slightly soluble

Shelf Life: 2 years

SOLID

S25238 100 g \$13.00

MODERATE HAZARD

Catalase (20,000 Units per Gram)

Caperase

CAS: 9001-05-2

Color: White to tan

Shelf Life: 1 year

POWDER

S25239 40mg \$9.50

S25239A 1 g \$35.75

MODERATE HAZARD

Cellulase

Cellulase Enzyme

CAS: 9012-54-8

Color: Light tan

Solubility in Water: Soluble

Shelf Life: 5 years

POWDER

S25241 25 g \$48.00

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 500 g \$47.75

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 100 g \$21.00

S25242A 500 g \$27.50

MODERATE HAZARD

Cetyl Alcohol1-Hexadecanol; $\text{CH}_3(\text{CH}_2)_{14}\text{CH}_2\text{OH}$

F.W. 242.43

CAS: 36653-82-4

Color: White

Solubility in Water: Insoluble in water

Shelf Life: 5 years

SOLID

S25675 100 g \$17.50

S25675A 500 g \$44.00

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 500 g \$29.00

BONE POWDER

S25243 500 g \$27.50

DECOLORIZING AGENT

S25245 250 g \$26.50

CHARCOAL POWDER

S25244 500 g \$39.00

FLAMMABLE

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 1 L \$15.00

CORROSIVE

ChloroformTrichloromethane; CHCl_3

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*** 100 mL \$13.75

HEALTH HAZARD

Cholesterol(3 β)-Choles-5En-3-Ol; $\text{C}_{27}\text{H}_{46}\text{O}$

F.W. 385.31

CAS: 57-88-5

Color: White

Solubility in Water: Soluble

Shelf Life: 2 years

SOLID

S25677 25 g \$49.50

MODERATE HAZARD

Chromatography Solvent

Petroleum Ether

Color: Clear

Solubility in Water: Insoluble

Shelf Life: 2 years

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

S25253 500 mL \$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 100 g \$23.00

MODERATE HAZARD

Chromium (II) Potassium Sulfate

Chrom Alum Dodecahydrate;

 $\text{Cr}(\text{SO}_4)_2 \cdot 12\text{H}_2\text{O}$

F.W. 499.43

CAS: 7788-99-0

Color: Metallic purple

Solubility in Water: Soluble

Shelf Life: 2 years

LAB GRADE

S25252 100 g \$20.50

REAGENT GRADE

S25252A 500 g \$23.00

MODERATE HAZARD

Chromium (III) OxideChromic Oxide; Cr_2O_3

F.W. 151.99

CAS: 1308-38-9

Color: Green

Solubility in Water: Insoluble

Shelf Life: 5 years

SOLID

S25251 100 g \$17.75

MODERATE HAZARD

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 100 g \$19.00

S25250A 500 g \$58.25

REACTIVE & OXIDIZING



Citric Acid, Anhydrousβ-Hydroxytricarboxylic Acid; C₆H₈O₇

F.W. 192.13

CAS: 77-92-9

Color: White

Solubility in Water: Soluble

Shelf Life: 1 year

LAB GRADE

S25255	100 g	\$10.25
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S25255A	500 g	\$18.50
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MODERATE HAZARD

Citric Acid, Monohydrate

2-Hydroxy-1,2,3-Propanetricarboxylic

Acid Monohydrate; C₆H₈O₇·H₂O

F.W. 210.15

CAS: 5949-29-1

Color: White

Solubility in Water: Soluble

Shelf Life: 1 year

SOLID

S25254	100 g	\$9.45
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S25254A	500 g	\$32.75
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MODERATE HAZARD

Cobalt Nitrate Solution, 0.1M

Color: Pink

Solubility in Water: Soluble in water

SOLID

S25852	500 mL	\$8.50
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MODERATE HAZARD

Cobalt Nitrate Solution, 1M

Color: Clear pink

Solubility in Water: Soluble

Shelf Life: 2 years

1M

S25259	50 mL	\$10.50
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MODERATE HAZARD

Cobalt(ous) Chloride, HexahydrateCobalt(II) Chloride Hexahydrate; CoCl₂· 6H₂O

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	100 g	\$20.75
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REAGENT GRADE

S25257A	100 g	\$23.50
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CORROSIVE

Cobalt(ous) Chloride, Hexahydrate Solution, 0.1M

Color: Clear, pink-purple

Solubility in Water: Soluble in water

Shelf Life: 2 years

0.1M

S25851	500 mL	\$6.95
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MODERATE HAZARD

Cobalt(ous) Chloride, Hexahydrate Solution, 1M

Color: Clear, pink-purple

Solubility in Water: Soluble in water

Shelf Life: 2 years

1M

S25260	500 mL	\$22.75
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MODERATE HAZARD

Cobalt(ous) Nitrate, HexahydrateCobalt(II) Nitrate Hexahydrate; Co(NO₃)₂· 6H₂O

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	100 g	\$35.25
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REAGENT GRADE

S25261	100 g	\$21.00
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S25261B	500 g	\$72.25
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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	500 g	\$16.00
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MODERATE HAZARD

Congo Red, 0.1% Aqueous Solution

Color: Clear, red

Solubility in Water: Soluble

Shelf Life: 2 years

0.01% AQUEOUS SOLUTION

S25265	100 mL	\$7.80
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MODERATE HAZARD

Congo Red, Biological Stain, pH IndicatorC.I. Direct Red 28; C₃₂H₂₂N₆Na₂O₆S₂

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	25 g	\$24.75
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FLAMMABLE

Copper (I) Chloride, AnhydrousCupric Chloride, Anhydrous; CuCl₁

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

LAB GRADE - POWDER

S25290	100 g	\$21.00
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CORROSIVE

Copper (II) Acetate, Monohydrate

Cupric Acetate Monohydrate;

(CH₃CO₂)₂Cu·H₂O

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

S25276A	500 g	\$45.25
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HEALTH HAZARD

Copper (II) BromideCupric Bromide; CuBr₂

F.W. 223.37

CAS: 7789-45-9

Color: Gray/blue

Solubility in Water: Soluble

Shelf Life: 12 months

REAGENT GRADE

S25277A	100 g	\$34.75
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MODERATE HAZARD

Copper (II) CarbonateCupric Carbonate Basic; CuCO₃·Cu(OH)₂

F.W. 221.11

CAS: 12069-69-1

Color: Dark green

Solubility in Water: Insoluble in water

Shelf Life: 5 years

POWDER

S25278	500 g	\$40.75
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MODERATE HAZARD

Copper (II) Chloride Solution, 1M

Cupric Chloride

Color: Light blue-green

Solubility in Water: Soluble

Shelf Life: 1 year

1M

S25280	50 mL	\$8.85
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S25280A	500 mL	\$42.75
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MODERATE HAZARD

Copper (II) Chloride, AnhydrousCupric Chloride, Anhydrous; CuCl₂

F.W. 134.45

CAS: 7447-39-4

Color: Yellow/brown

Solubility in Water: Soluble

Shelf Life: 1 year

DOT Class 8, III: Corrosive

LAB GRADE

S25281	100 g	\$23.50
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CORROSIVE

Copper (II) Chloride, DihydrateCupric 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** 500 g \$26.50**S25279C** 2 kg \$102.00**REAGENT GRADE****S25279** 100 g \$13.00**S25279A** 500 g \$38.75**Copper (II) Nitrate Solution, 1M**

Cupric Nitrate Solution

Color: Blue

Solubility in Water: Soluble

Shelf Life: 1 year

MODERATE HAZARD**1M****S25283** 500 mL \$16.75**Copper (II) Nitrate, Trihydrate**Cupric Nitrate Trihydrate; $\text{Cu}(\text{NO}_3)_2 \cdot 3\text{H}_2\text{O}$

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** 500 g \$44.00**REAGENT GRADE****S25282** 100 g \$14.00**S25282A** 500 g \$42.25**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** 25 g \$10.75**Copper (II) Sulfate Solutions**

Color: Blue

Solubility in Water: Soluble in water

Shelf Life: 2 years

MODERATE HAZARD**0.1M****S25853** 500 mL \$6.50**1M****S25289** 500 mL \$11.25**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** 500 g \$24.00**LAB GRADE - POWDER****S25288A** 500 g \$15.25**S25288** 2 kg \$45.50**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

Solubility in Water: Soluble

Shelf Life: 2 years

DOT Class 6.1, III: *Poison***HEALTH HAZARD****REAGENT GRADE - CRYSTALS****S25287** 500 g \$25.50**S25287B** 1 kg \$54.00**REAGENT GRADE - POWDER****S25286** 100 g \$23.75**S25286A** 500 g \$44.75**S25286B** 3 kg \$85.00**Copper Sulfate, Anhydrous**Cupric Sulfate; CuSO_4

F.W. 159.61

CAS: 7758-98-7

Color: Light gray

Solubility in Water: Soluble

Shelf Life: 2 years

DOT Class 6.1, III: *Poison***HEALTH HAZARD****REAGENT GRADE - POWDER****S25285** 100 g \$23.75**S25285A** 500 g \$57.50**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** 100 g \$17.50**S25267A** 500 g \$69.25**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. \$111.00**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** 100 g \$16.75**S25268A** 500 g \$67.00**REAGENT GRADE POWDER****S25266A** 500 g \$57.25**SHOT****S25909** 500 g \$58.00**Copper, Strips**

Cu

F.W. 63.55

CAS: 7440-50-8

Copper Sulfate

Density: 8.94

Boiling Point: 2595°C (1981.4°F)

Melting Point: 1083°C (4703°F)

FLAMMABLE**STRIPS****S25911** 6 x 1/4 in. \$21.25**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** 100 g \$23.00**Corn Oil**

CAS: 8001-30-7

Color: Yellow

Solubility in Water: Insoluble

Shelf Life: 5 years

MODERATE HAZARD**SOLUTION****S25271** 500 mL \$9.70**Corn Syrup**

Glucose Solution

CAS: 50-99-7

Color: Clear

Solubility in Water: Soluble in water

Shelf Life: 5 years

MODERATE HAZARD**LIQUID****S25339** 500 mL \$11.00**Cresol Red Solution, 0.02%**

Color: Clear, red

Solubility in Water: Infinite

Shelf Life: 18 months

MODERATE HAZARD**0.02% SOLUTION****S25273** 100 mL \$8.55

Cresol Red, Sodium Salt

O-Cresolsulfonephthalein

F.W. 404.4

CAS: 62625-29-0

Color: Reddish-brown

Solubility in Water: Soluble

Shelf Life: 5 years

MODERATE HAZARD

POWDER

S25272	1 g	\$9.90
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Crystal Violet Solutions

Gentian Violet

Color: Violet

Solubility in Water: Soluble in water

Shelf Life: 18 months

MODERATE HAZARD

0.5% - GRAM STAIN

S25275B	500 mL	\$29.50
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1.0% SOLUTION

S25275A	100 mL	\$11.00
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1% - GRAM STAIN

S25275	100 mL	\$17.00
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Crystal Violet, Certified Biological StainGentian Violet; C₂₅H₃₀ClN₃

F.W. 408.00

CAS: 548-62-9

Color: Green

Solubility in Water: Soluble in water

Shelf Life: 5 years

MODERATE HAZARD

SOLID

S25274	1 g	\$4.40
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S25274A	10 g	\$15.50
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S25274B	25 g	\$13.50
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CyclohexaneHexahydrobenzene; C₆H₁₂

F.W. 84.15

CAS: 110-82-7

Color: Clear

Solubility in Water: Insoluble in water

Shelf Life: 5 years

DOT Class 3, II: *Flammable Liquid*

FLAMMABLE

REAGENT GRADE

S25292	500 mL	\$14.50
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S25292A	1 L	\$43.25
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CyclohexeneC₆H₁₂

F.W. 82.13

CAS: 110-83-8

Color: Clear, colorless

Solubility in Water: Insoluble

Shelf Life: 2 years

DOT Class 3, II: *Flammable Liquid*

FLAMMABLE

SOLUTION

S25291	250 mL	\$55.25
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S25291A	500 mL	\$65.75
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L-CysteineThioserine; Cysteine; HSCH₂CH(NH₂)CO₂H

F.W. 121.16

CAS: 52-90-4

Color: White

Solubility in Water: Soluble in water

Shelf Life: 2 years

MODERATE HAZARD

SOLID

S25682	5 g	\$26.25
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Deoxyribonucleic Acid

DNA

CAS: 9007-49-2

Color: White to off-white

Solubility in Water: Soluble

Shelf Life: 2 years

MODERATE HAZARD

SOLID

S25294	25 g	\$74.75
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DextrinVegetable Gum; (C₆H₁₀O₅)_n

F.W. 162.07

CAS: 9004-53-9

Color: White to off-white

Solubility in Water: Soluble in hot water

Shelf Life: 2 years

MODERATE HAZARD

SOLID

S25683	500 g	\$15.25
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Dextrose, AnhydrousGlucose; C₆H₁₂O₆

F.W. 180.16

CAS: 50-99-7

Color: White

Solubility in Water: Soluble

Shelf Life: 2 years

MODERATE HAZARD

LAB GRADE

S25295	100 g	\$7.00
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S25295A	500 g	\$16.50
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S25295B	1 kg	\$22.25
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Dextrose, MonohydrateGlucose; C₆H₁₂O₆·H₂O

F.W. 198.18

CAS: 14431-43-7

Color: White

Solubility in Water: soluble

Shelf Life: 2 years

MODERATE HAZARD

LAB GRADE

S25296	500 g	\$11.00
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Diatase of Malt

Maltin

CAS: 9000-92-4

Color: Yellow-white

Solubility in Water: Soluble

Shelf Life: 2 years

MODERATE HAZARD

LAB GRADE

S25297	25 g	\$9.20
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S25297A	100 g	\$30.75
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Diatomaceous Earth

Silica

CAS: 68855-549

Color: White

Solubility in Water: Insoluble in water

Shelf Life: 2 years

MODERATE HAZARD

LAB GRADE

S25298	500 g	\$15.50
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p-Dichlorobenzene1,4-Dichlorobenzol; C₆H₄Cl₂

F.W. 147.00

CAS: 106-46-7

Color: White

Solubility in Water: Insoluble

Shelf Life: 2 years

HEALTH HAZARD

DOT Class 9, III: *Miscellaneous***LAB GRADE**

S25299*	500 g	\$17.00
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S25299A*	1 kg	\$37.50
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S25299C*	2.5 kg	\$56.75
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S25299B*	3 kg	\$85.00
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2,6-Dichloroindophenol Sodium Salt2,6-Dichlorophenol Indophenol Sodium Salt; NaOC₆H₄N·C₆H₂(Cl)₂·O

F.W. 290.08

CAS: 620-45-1

Color: Dark Green

Solubility in Water: Partially soluble

Shelf Life: 2 years

MODERATE HAZARD

POWDER

S25300B	0.036 g	\$9.35
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S25300	1 g	\$14.50
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S25300A	5 g	\$42.50
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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*

FLAMMABLE

REAGENT GRADE

S25301	25 g	\$21.00
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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*

HEALTH HAZARD

REAGENT GRADE

S25302	100 g	\$34.00
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Dithizone

Diphenylthiocarbazono; $C_{13}H_{12}N_4S$
F.W. 256.32
CAS: 60-10-6
Color: Dark Brownish-black
Solubility in Water: Insoluble
Shelf Life: 5 years

MODERATE HAZARD

SOLID		
S25685	2.5 g	\$39.75

Dodecyl Alcohol

Lauryl Alcohol; $CH_3(CH_2)_{11}OH$
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*

HEALTH HAZARD

SOLID		
S25686A	100 g	\$37.50

Drierite™

Calcium Sulfate
F.W. 136.14
CAS: 7778-18-9
Color: Non-indicating off-white
Shelf Life: 5 years

MODERATE HAZARD

SOLID		
S25684	454 g	\$29.00

EDTA, Disodium Salt

Ethylenediaminetetraacetic Acid, Disodium Salt Dihydrate;
 $C_{10}H_{14}N_2Na_2O_8 \cdot 2H_2O$
F.W. 372.23
CAS: 6381-92-6
Color: White
Solubility in Water: Soluble in water
Shelf Life: 5 years

MODERATE HAZARD

REAGENT GRADE		
S25687	25 g	\$19.00
S25687A	100 g	\$47.50

Electrode Storage Solution

CAS: 877-24-7
Color: Colorless
Shelf Life: 2 years

MODERATE HAZARD

SOLUTION		
S25907	1 L	\$41.00

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*

FLAMMABLE

1% SOLUTION		
S25303	100 mL	\$10.75

Ethyl Acetate

Acetic Acid Ethyl Ester; $CH_3COOC_2H_5$
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*

FLAMMABLE

ACS GRADE		
S25305	500 mL	\$15.00

Ethyl Alcohol

Ethanol; C_2H_5OH
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	500 mL	\$10.50
S25306A	4 L	\$31.50

95% DENATURED W/IPA AND METHANOL		
S25309D	500 mL	\$8.30
S25309E	4 L	\$67.50

95% DENATURED W/MIBK		
S25310	500 mL	\$11.75
S25310A	3.8 L	\$48.75

ANHYDROUS, DENATURED W/MIBK		
S25307	500 mL	\$8.75
S25307A	1 L	\$19.75
S25307B	4 L	\$45.50

ANHYDROUS, DENATURED, W/IPA AND METHANOL		
S25308**	1 L	\$27.25
S25308A**	20 L	\$188.00

LAB GRADE - 95% DENATURED W/IPA AND METHANOL		
S25309	500 mL	\$8.65
S25309C	1 L	\$14.75

LAB GRADE - 95% DENATURED W/IPA AND METHANOL; SAFECOTE		
S25309A	3.8 L	\$93.00
S25309B	4 L	\$36.50

Ethyl Ether, Anhydrous

$(C_2H_5)_2O$
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		
S25903L	1 L	\$63.25
S25903	4 L	\$165.00

Ethylene Glycol

Glycol; $C_2H_6O_2$
F.W. 62.06
CAS: 107-21-1
Color: Clear, colorless
Shelf Life: 2 years
DOT Class 3, I: *Flammable*

FLAMMABLE

LAB GRADE		
S25905**	4 L	\$128.00

Ethylenediamine

1, 2-Diaminoethane; $H_2NCH_2CH_2NH_2$
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	100 mL	\$27.25

Ethylenediamine Tetracetic Acid

EDTA; $C_{10}H_{16}N_2O_8$
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	25 g	\$17.25
S25311B	100 g	\$23.25
S25311	500 g	\$73.75

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*	500 mL	\$14.25

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	1 g	\$15.25

Fast Green Solution, 1%

Color: Dark Green
Solubility in Water: Soluble
Shelf Life: 18 months

MODERATE HAZARD

1% SOLUTION		
S25692	20 mL	\$18.50

Fehling's Solution, A

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

MODERATE HAZARD

SOLUTION		
S25313	500 mL	\$7.40

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	500 mL	\$14.75



Ferric Ammonium Citrate

Iron (III) Ammonium Citrate

MODERATE HAZARD

CAS: 1185-57-5

Color: Yellow, green, or red-brown

Solubility in Water: Freely soluble

Shelf Life: 1 year

SOLID		
S25315	500 g	\$30.50

Ferric Ammonium Sulfate, Dodecahydrate

MODERATE HAZARD

Ammonium 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

SOLID		
S25316	100 g	\$12.00
S25316A	500 g	\$39.25

Ferric Chloride Hexahydrate

CORROSIVE

Iron (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

REAGENT GRADE - SOLID		
S25317	100 g	\$11.25
S25317A	500 g	\$31.50
SOLUTION - 1M		
S25318	500 mL	\$16.00

Ferric Nitrate Solution, 1M

MODERATE HAZARD

Iron (III) Nitrate Solution

Color: Pale green

Solubility in Water: Soluble

Shelf Life: 1 year

REAGENT GRADE		
S25320	500 mL	\$19.00

Ferric Nitrate, Nonahydrate

REACTIVE & OXIDIZING

Iron (III) Nitrate; Fe(NO₃)₃ · 9H₂O

F.W. 404.00

CAS: 7782-61-8

Color: White to gray or light purple

Solubility in Water: Soluble

Shelf Life: 1 year

DOT Class 5.1, III: Oxidizer

REAGENT GRADE		
S25319	100 g	\$20.25
S25319A	500 g	\$41.50

Ferric Sulfate, Hydrated

MODERATE HAZARD

Iron Persulfate

CAS: 10028-22-5

Color: Yellow-gray

Solubility in Water: Soluble in water

Shelf Life: 1 year

REAGENT GRADE		
S25322	100 g	\$14.00
S25322A	500 g	\$101.00

Ferric(ous) Oxide, Black

MODERATE HAZARD

Black Iron Oxide; Fe₃O₄

F.W. 231.54

CAS: 1317-61-9

Color: Black

Solubility in Water: Insoluble

Shelf Life: 5 years

LAB GRADE		
S25321	500 g	\$26.25

Ferrous Ammonium Sulfate Solution, 0.1M

MODERATE HAZARD

Color: Clear

Solubility in Water: Miscible in water

0.1M		
S25854*	500 mL	\$16.00

Ferrous Ammonium Sulfate, Hexahydrate

MODERATE HAZARD

Ammonium Iron (II) Sulfate;

Fe(NH₄)₂(SO₄)₂ · 6H₂O

F.W. 392.13

CAS: 7783-85-9

Color: Light Green

Solubility in Water: Soluble

Shelf Life: 1 year

REAGENT GRADE - CRYSTALS		
S25323	100 g	\$11.75
S25323A	500 g	\$41.50

Ferrous Chloride, Tetrahydrate

CORROSIVE

Iron (II) Chloride Tetrahydrate; FeCl₂ · 4H₂O

F.W. 198.81

CAS: 13478-10-9

Color: Light Green

Solubility in Water: Soluble in alcohol

Shelf Life: 1 year

DOT Class 8, III: Corrosive

REAGENT GRADE		
S25324	25 g	\$13.75
S25324A	100 g	\$26.25
S25324B	500 g	\$74.75

Ferrous Sulfate, Heptahydrate

MODERATE HAZARD

Iron (II) Sulfate; FeSO₄ · 7H₂O

F.W. 278.01

CAS: 7782-63-0

Color: Blue-green

Solubility in Water: Soluble

Shelf Life: 1 year

SOLID		
S25325	100 g	\$14.75
S25325A	500 g	\$23.75

Ferrous Sulfate, Heptahydrate, Solution, 1M

MODERATE HAZARD

Color: Blue to green

Solubility in Water: Soluble

Shelf Life: 1 year

1M		
S25326*	500 mL	\$12.75

Ferrous Sulfide

Iron (II) Sulfide; FeS

MODERATE HAZARD

F.W. 87.91

CAS: 1317-37-9

Color: Gray to brown-black

Solubility in Water: Insoluble in water

Shelf Life: Two years

SOLID		
S25327	500 g	\$47.50

Fluorescein, Disodium Salt

MODERATE HAZARD

Uranin; C₂₀H₁₀O₅Na₂

CAS: 518-47-8

Color: Rust/Orange

Solubility in Water: Soluble in water

Shelf Life: 5 years

POWDER		
S25328	25 g	\$16.00
S25328A	100 g	\$25.75

Formaldehyde Solution, 37%

FLAMMABLE

Formalin; HCHO

CAS: 50-00-0

Color: Clear, colorless

Solubility in Water: Soluble in water

Shelf Life: 2 years

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

LAB GRADE - 37%		
S25329*	500 mL	\$19.75

Formalin Solution, 10%

HEALTH HAZARD

4% Formaldehyde; HCHO

CAS: 50-00-0

Color: Clear, colorless

Solubility in Water: Soluble in water

Shelf Life: 2 years

DOT Class 9, III: Miscellaneous

10% W/V		
S25689*	1 L	\$28.00
S25330*	4 L	\$53.75

Formic Acid, 88%

FLAMMABLE

Methanoic Acid; HCOOH

F.W. 46.03

CAS: 64-18-6

Color: Clear, colorless

Solubility in Water: Soluble

Shelf Life: 1 year

DOT Class 8 (3), II: Corrosive

REAGENT GRADE		
S25331	100 mL	\$15.25
S25331A	500 mL	\$26.25

D-FructoseFruit Sugar; C₆H₁₂O₆

F.W. 180.16

CAS: 57-48-7

Color: White

Solubility in Water: Freely soluble

Shelf Life: 5 years

SOLID		
S25332	100 g	\$22.50
S25332A	500 g	\$23.50

MODERATE HAZARD

Fuchsin AcidAcid Fuchsin; C₂₀H₁₇N₃Na₂O₉S₃

F.W. 585.54

CAS: 3244-88-0

Color: Green

Solubility in Water: Soluble

Shelf Life: 5 years

SOLID		
S25690	5 g	\$23.50

MODERATE HAZARD

Fuchsin Acid Staining Solution, 1%

Color: Red

Solubility in Water: Soluble

Shelf Life: 18 months

1% SOLUTION		
S25694	20 mL	\$11.00

MODERATE HAZARD

Fumaric AcidTrans-Butenedioic Acid; C₄H₄O₄

F.W. 116.07

CAS: 110-17-8

Color: White

Solubility in Water: Soluble

Shelf Life: 5 years

SOLID		
S25333A	500 g	\$17.75

MODERATE HAZARD

D-GalactoseD-Galactopyranose; C₆H₁₂O₆

F.W. 180.09

CAS: 59-23-4

Color: White

Solubility in Water: Soluble

Shelf Life: 5 years

SOLID		
S25334	100 g	\$49.00

MODERATE HAZARD

Gastric Juice

Color: Yellowish

Solubility in Water: Soluble

Shelf Life: 2 years

DOT Class 8, II: Corrosive

SOLUTION		
S25695A	500 mL	\$16.50

CORROSIVE

Gelatin

Pharmagel

CAS: 9000-70-8

Color: White/Pale-yellow

Solubility in Water: Soluble

Shelf Life: 5 years

LAB GRADE		
S25335	500 g	\$24.00

MODERATE HAZARD

Glucose Solution, 0.1%

Glucose Solution

Shelf Life: 2 years

0.1% SOLUTION		
S25336	50 mL	\$9.20
S25337	500 mL	\$42.50

MODERATE HAZARD

Glucose Solution, 15%

Glucose Solution

Shelf Life: 2 years

15% SOLUTION		
S25338	250 mL	\$5.30

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	1 g	\$33.75

MODERATE HAZARD

Glue, White Liquid

Color: White

SOLID		
S25700	1 L	\$9.90

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% SOLUTION		
S25341	1 L	\$64.25

HEALTH HAZARD

GlutathioneGlutinal; C₁₀H₁₇N₃O₆S

F.W. 307.30

CAS: 70-18-8

Color: White

Solubility in Water: Soluble in water

Shelf Life: 2 years

SOLID		
S25699	1 g	\$40.25

MODERATE HAZARD

GlycerinGlycerol; 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	500 mL	\$13.00
S25342D	4 L	\$48.75

LAB GRADE - LIQUID		
S25342	50 mL	\$11.75
S25342B	1 L	\$27.75
S25342C	4 L	\$92.00

MODERATE HAZARD

GlycineAminoacetic Acid; NH₂CH₂COOH

F.W. 75.05

CAS: 56-40-6

Color: White

Solubility in Water: Soluble

Shelf Life: 5 years

SOLID		
S25696	100 g	\$21.75
S25696A	500 g	\$48.75

MODERATE HAZARD

GlycogenAnimal Starch; (C₆H₁₀O₅)_n

F.W. 176.15

CAS: 9005-79-2

Color: White

Shelf Life: 5 years

POWDER		
S25343	5 g	\$103.00

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	500 g	\$19.75

MODERATE HAZARD

Guar Gum

Animal Starch

CAS: 9000-30-0

Color: Yellowish-white

Solubility in Water: Soluble

Shelf Life: 5 years

SOLID		
S25346	100 g	\$11.00
S25346A	500 g	\$26.25

MODERATE HAZARD



HematoxylinHematoxiline; C₁₆H₁₄O₆

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	25 g	\$43.25

MODERATE HAZARD

HeptaneN-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	500 mL	\$23.25

FLAMMABLE

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*

SOLID		
S25350	100 g	\$27.00

CORROSIVE

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	250 mL	\$65.75

CORROSIVE

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*

ACS GRADE		
S25352A	4 L	\$56.50
LAB GRADE		
S25352	1 L	\$47.00
REAGENT GRADE		
S25351	500 mL	\$12.75

FLAMMABLE

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*

SOLUTION		
S25701A	500 mL	\$69.75

FLAMMABLE

Hydrochloric Acid Solution

F.W. 36.46

CAS: 7647-01-0, 7732-18-5

Density: 1.000

Color: Undesignated

Solubility in Water: Soluble in water

DOT Class 8, II, : *Corrosive*

0.25M		
S25855	500 mL	\$6.55

CORROSIVE

Hydrochloric Acid Solution, 1.0N

Color: Clear, colorless

Solubility in Water: Soluble in water

Shelf Life: 2 years

DOT Class 8, III: *Corrosive*

1N		
S25356	500 mL	\$8.55
S25356A	1 L	\$16.50
S25908	4 L	\$54.25

CORROSIVE

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	500 mL	\$8.30

CORROSIVE

Hydrochloric Acid Solutions, Various

Color: Clear

Solubility in Water: Soluble in water

DOT Class 8, III : *Corrosive*

3M		
S25856	500 mL	\$13.50
6M		
S25857	500 mL	\$12.50
8% V/V		
S25355	3 mL	\$2.35

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*

ACS GRADE		
S25838	2.5 L	\$43.00
ACS GRADE - SAFECOTE		
S25358	500 mL	\$23.50
S25838A	2.5 L	\$66.75

CORROSIVE

Hydrogen PeroxideHydrogen Dioxide; H₂O₂

Color: Clear, colorless

Solubility in Water: Soluble

LAB GRADE - 3% SOLUTION		
S25359	500 mL	\$7.20
S25359A	3.785 L	\$24.25

MODERATE HAZARD

LAB GRADE - 6% SOLUTION		
S25361A	500 mL	\$9.95
LAB GRADE - 6% SOLUTION - STABILIZED		
S25361	500 mL	\$14.75

Hydrogen Peroxide, 30% SolutionHydrogen Dioxide; H₂O₂

F.W. 34.01

CAS: 7722-84-1

Color: Clear, colorless

Solubility in Water: Soluble

DOT Class 5.1 (8), II: *Oxidizer*

30% SOLUTION		
S25360	500 mL	\$33.75

REACTIVE & OXIDIZING

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

DOT Class 9, III: *Miscellaneous*

LAB GRADE		
S25362	500 g	\$36.75

HEALTH HAZARD

Indigo Carmine

Carmine Blue (Biological Stain);

C₁₆H₈N₂Na₂O₈S₂

F.W. 466.36

CAS: 860-22-0

Color: Dark blue

Solubility in Water: Slightly soluble in water

SOLID		
S25364	5 g	\$9.45

MODERATE HAZARD

Invertase

Yeast Enzyme

CAS: 9001-57-4

Color: White to tan

Solubility in Water: Soluble in water

POWDER		
S25365	10 g	\$16.75

MODERATE HAZARD

Iron Filings

Iron Powder; Fe

F.W. 55.85

CAS: 7439-89-6

Color: Black to gray

Solubility in Water: Insoluble in water

DOT Class 4.1, II: *Flammable Solid*

FINE		
S25369	100 g	\$7.80
S25369A	500 g	\$11.25
LAB GRADE - FINE		
S25369B	500 g	\$9.10

FLAMMABLE

Iron Metal Powder

Iron Dust; Fe

F.W. 55.85

CAS: 7439-89-6

Color: Black to gray

Solubility in Water: Insoluble in water

DOT Class 4.1, II: *Flammable Solid*

POWDER		
S25370	100 g	\$11.00
S25370A	500 g	\$9.75
S25370B	2.5 kg	\$29.25

FLAMMABLE**Isobutyl Alcohol**2-Methyl-1-Propanol; (CH₃)₂CHCH₂OH

F.W. 74.12

CAS: 78-83-1

Color: Colorless

Solubility in Water: Partly soluble in water

DOT Class 3, III: *Flammable Liquid*

REAGENT GRADE		
S25703	500 mL	\$22.75

FLAMMABLE**Isopentyl Alcohol**Isoamyl Alcohol; (CH₃)₂CHCH₂CH₂OH

F.W. 88.15

CAS: 123-51-3

Color: Colorless

Solubility in Water: Slightly soluble in water

DOT Class 3, III: *Flammable Liquid*

REAGENT GRADE		
S25710	100 mL	\$21.50
S25710A	500 mL	\$46.00

FLAMMABLE**Isopropyl Alcohol**Rubbing Alcohol; (CH₃)₂CHOH

Color: Clear, colorless

Solubility in Water: Infinite

DOT Class 3, II: *Flammable Liquid*

70% SOLUTION		
S25371	500 mL	\$22.25
S25371A	4 L	\$103.00
99% SOLUTION		
S25372	500 mL	\$23.25
S25372A	3.785 L	\$112.00

FLAMMABLE**Kerosene**

Lamp Oil

CAS: 8008-20-6

Color: Clear, colorless

Solubility in Water: Insoluble in water

DOT Class 3, III: *Flammable Liquid*

SOLUTION		
S25373	500 mL	\$12.75

FLAMMABLE**Lactic Acid, 85%**2-Hydroxypropanoic Acid; CH₃CHOHCOOH

F.W. 90.08

CAS: 50-21-5

Shelf Life: 2 years

Solubility in Water: Soluble in water

DOT Class 8, III: *Corrosive*

85% SOLUTION		
S25374	100 mL	\$12.00

CORROSIVE**Lactose, Monohydrate**Milk Sugar, Monohydrate; C₁₂H₂₂O₁₁·H₂O

F.W. 360.32

CAS: 64044-51-5

Color: White

Solubility in Water: Soluble in water

LAB GRADE		
S25375	100 g	\$9.30
S25375A	500 g	\$15.00

MODERATE HAZARD**Lanolin, Anhydrous**

Wool Fat

CAS: 8006-54-0

Color: Yellow

Solubility in Water: Soluble

SOLID		
S25376	100 g	\$18.50

MODERATE HAZARD**Lanthanum Nitrate**Lanthanum (III) Nitrate; La(NO₃)₃·5H₂O

F.W. 415.01

CAS: 15878-72-5

Color: White

Solubility in Water: Soluble

CRYSTALS		
S25745	25 g	\$36.50
S25745A	100 g	\$126.00

REACTIVE & OXIDIZING**Lauric Acid**Dodecanoic Acid; CH₃(CH₂)₁₀COOH

F.W. 200.32

CAS: 143-07-7

Color: White

Solubility in Water: Insoluble

REAGENT GRADE - FLAKES		
S25377	100 g	\$12.00
S25377A	500 g	\$19.25

MODERATE HAZARD**Lead**

Lead Metal; Pb

F.W. 207.2

CAS: 7439-92-1

Color: Bluish white/silvery gray

Solubility in Water: Insoluble

Shelf Life: 5 years

SHEET - 12 X 12 X 0.6"		
S25383A***	Ea.	\$39.25

MODERATE HAZARD**Lead Acetate, Trihydrate**Lead Sugar; Pb(C₂H₃O₂)₂·3H₂O

F.W. 379.33

CAS: 6080-56-4

Color: White

Solubility in Water: Soluble

DOT Class 6.1, III: *Poison*

POWDER		
S25378	100 g	\$11.00
S25378A	500 g	\$25.25

HEALTH HAZARD**Lead Chloride**Lead Dichloride; PbCl₂

F.W. 278.11

CAS: 7758-95-4

Color: White to off-white

Solubility in Water: Slightly soluble

DOT Class 6.1, III: *Poison*

REAGENT GRADE - POWDER		
S25379	100 g	\$21.75
S25379A	500 g	\$43.75

HEALTH HAZARD**Lead Nitrate**Lead Dinitrate; Pb(NO₃)₂

F.W. 331.20

CAS: 10099-74-8

Color: White

Solubility in Water: Soluble

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

LAB GRADE - CRYSTALS		
S25381	500 g	\$25.00
REAGENT GRADE - CRYSTALS		
S25382	100 g	\$8.55
S25382A	2.5 kg	\$89.00

REACTIVE & OXIDIZING**Lead Nitrate Solution, 0.1M**

Color: Clear

Solubility in Water: Soluble in water

0.1M		
S25858	500 mL	\$13.00

MODERATE HAZARD**Lead Nitrate Solution, 1M**

Color: Clear, colorless

Solubility in Water: Soluble

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

1M		
S25383	500 mL	\$11.50

REACTIVE & OXIDIZING**Lemon Juice**

Color: Clear to yellowish

Solubility in Water: Soluble

SOLUTION		
S25385	500 mL	\$8.50

MODERATE HAZARD**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	100 mL	\$11.50

Licorice Extract

Glycyrrhiza Extract

Color: Brown

Solubility in Water: Soluble in hot water

POWDER		
S25740	25 g	\$7.70

MODERATE HAZARD

Lime Water

Color: Colorless

Solubility in Water: Soluble

MODERATE HAZARD

SOLUTION

S25386	500 mL	\$5.85
S25386A	3.785 L	\$14.00

Linseed Oil, Boiled

Flaxseed Oil

CAS: 8001-26-1

Color: Yellow to brown

Solubility in Water: Insoluble

MODERATE HAZARD

SOLUTION

S25387	500 mL	\$24.25
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Lipase Powder

Triacylglycerol Hydrolase

CAS: 9001-62-1

Color: Beige

Solubility in Water: Soluble

MODERATE HAZARD

POWDER

S25731	25 g	\$28.50
S25731A	100 g	\$70.40

Lithium CarbonateCarbonic Acid Dilithium Salt; Li₂CO₃

F.W. 73.89

CAS: 554-13-2

Color: White

Solubility in Water: Soluble

MODERATE HAZARD

LAB GRADE

S25388**	100 g	\$23.50
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REAGENT GRADE

S25388A**	100 g	\$18.75
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Lithium Chloride

Lithium Monochloride; LiCl

F.W. 42.39

CAS: 7447-41-8

Color: White

Solubility in Water: Soluble

MODERATE HAZARD

LAB GRADE

S25389A	100 g	\$21.75
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REAGENT GRADE

S25389	100 g	\$17.75
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S25389B	500 g	\$57.00
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Lithium Chloride Solution, 1M

Color: White

Solubility in Water: Soluble

MODERATE HAZARD

1M

S25390	500 mL	\$10.25
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Lithium NitrateNitric Acid, Lithium Salt; LiNO₃

F.W. 68.95

CAS: 7790-69-4

Color: White

Solubility in Water: Soluble

DOT Class 5.1, III: Oxidizer

REACTIVE & OXIDIZING

REAGENT GRADE

S25392	100 g	\$24.50
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S25392A	500 g	\$66.75
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Litmus

CAS: 1393-92-6

Color: Blue

Solubility in Water: Soluble

MODERATE HAZARD

POWDER

S25747A	25 g	\$26.00
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Litmus Solution, 0.5%

Color: Blue

Solubility in Water: Soluble

MODERATE HAZARD

0.50% SOLUTION

S25749	500 mL	\$22.25
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Loading Dye 10X

Color: Clear Blue

Solubility in Water: Soluble

MODERATE HAZARD

SOLUTION

S25393	5 mL	\$13.75
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Luminol3-Aminophthalhydrazide.; C₈H₇N₃O₂

F.W. 177.17

CAS: 521-31-3

Color: Yellow

Solubility in Water: Insoluble

MODERATE HAZARD

SOLID

S25395A	1 g	\$11.75
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S25395	5 g	\$37.25
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Lycopodium

Club Moss Spores

CAS: 8023-70-9

Color: Off-white

Solubility in Water: Insoluble

DOT Class 4.1, III: Flammable Solid

FLAMMABLE

SOLID

S25396	25 g	\$13.25
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S25396A	100 g	\$32.00
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S25396B	500 g	\$121.00
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Lysozyme

CAS: 12650-88-3

Color: White

MODERATE HAZARD

SOLID

S25750	1 g	\$48.75
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Magnesium Bromide, HexahydrateMgBr₂·6H₂O

F.W. 292.25

CAS: 13446-53-2

Color: White

Solubility in Water: Soluble

MODERATE HAZARD

LAB GRADE

S25398	100 g	\$23.00
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S25398A	500 g	\$59.50
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Magnesium Carbonate, PentahydrateMagnesite; 4Mg(CO₃)·Mg(OH)₂·5H₂O

CAS: 39409-82-0

Color: White

Solubility in Water: Insoluble in water

MODERATE HAZARD

LAB GRADE

S25400	100 g	\$5.10
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REAGENT GRADE

S25399	100 g	\$5.55
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S25399A	500 g	\$20.75
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Magnesium Chloride, Hexahydrate

Magnesium Dichloride Hexahydrate;

MgCl₂·6H₂O

F.W. 203.33

CAS: 7791-18-6

Color: White to slightly gray

Solubility in Water: Soluble

MODERATE HAZARD

LAB GRADE

S25403	500 g	\$16.00
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REAGENT GRADE

S25401	100 g	\$12.50
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S25401A	500 g	\$23.50
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Magnesium HydroxideMilk of Magnesia; Mg(OH)₂

F.W. 58.33

CAS: 1309-42-8

Color: White

Solubility in Water: Insoluble

MODERATE HAZARD

LAB GRADE

S25406	100 g	\$3.60
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S25406A	500 g	\$19.75
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Magnesium Metal

Mg

F.W. 24.31

CAS: 7439-95-4

Color: Silver White

Solubility in Water: Insoluble in water

DOT Class 4.1, III: Flammable Solid

FLAMMABLE

LAB GRADE - RIBBON

S25397	50 g	\$17.50
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TURNINGS

S25397A	2.5 g	\$10.75
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S25411	25 g	\$14.50
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S25411A	100 g	\$21.75
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S25411B	500 g	\$60.50
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Magnesium Nitrate, HexahydrateMg(NO₃)₂·6H₂O

F.W. 256.43

CAS: 13446-18-9

Color: White

Solubility in Water: Soluble

DOT Class 5.1, III: Oxidizer

LAB GRADE		
S25412A	500 g	\$13.75
REAGENT GRADE		
S25412	100 g	\$8.65

REACTIVE & OXIDIZING

Magnesium Oxide

Magnesia; MgO

F.W. 40.3

CAS: 1309-48-4

Color: Silver white

Solubility in Water: Slightly

REAGENT GRADE		
S25413	100 g	\$11.25

MODERATE HAZARD

Magnesium Powder

Mg

F.W. 24.31

CAS: 7439-95-4

Color: Silver white

Solubility in Water: Insoluble

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

LAB GRADE		
S25407	100 g	\$16.75
REAGENT GRADE		
S25409B	500 g	\$50.50

FLAMMABLE

Magnesium Sulfate, AnhydrousBitter Salt; MgSO₄

F.W. 120.37

CAS: 7487-88-9

Color: Off-white

Solubility in Water: Soluble

SOLID		
S25414B	500 g	\$47.75

MODERATE HAZARD

Magnesium Sulfate, HeptahydrateEpsom Salts, Heptahydrate; MgSO₄·7H₂O

F.W. 246.50

CAS: 10034-99-8

Color: Colorless

Solubility in Water: Soluble

SOLID		
S25414	500 g	\$19.75
S25414A	2.5 kg	\$25.25

MODERATE HAZARD

Maleic AcidButenedioic Acid; HO₂CCH:CHCO₂H

F.W. 116.07

CAS: 110-16-7

Color: White

Solubility in Water: Soluble

DOT Class 8, III: Corrosive

SOLID		
S25415	200 g	\$24.75
S25415A	250 g	\$23.75

CORROSIVE

Malonic AcidCarboxyacetic Acid; HO₂CCH₂CO₂H

F.W. 104.06

CAS: 141-82-2

Color: White

Solubility in Water: Soluble

SOLID		
S25416	25 g	\$13.75

MODERATE HAZARD

Maltose, MonohydrateC₁₂H₂₂O₁₁·H₂O

F.W. 360.32

CAS: 6363-53-7

Color: White/colorless

Solubility in Water: Soluble

SOLID		
S25417	100 g	\$14.00

MODERATE HAZARD

Manganese DioxideManganese (IV) Oxide; MnO₂

F.W. 86.94

CAS: 1313-13-9

Color: Black

Solubility in Water: Insoluble

DOT Class 5.1, II: Oxidizer

LAB GRADE		
S25420	100 g	\$16.00
S25420A	500 g	\$13.75
REAGENT GRADE		
S25419	100 g	\$13.25

REACTIVE & OXIDIZING

Manganese Nitrate Solution, 50%

Manganous Nitrate Solution

Color: Clear, reddish-orange

Solubility in Water: Complete

DOT Class 5.1 (8), III: Oxidizer

50% SOLUTION		
S25421	100 mL	\$10.25
S25421A	500 mL	\$29.25

REACTIVE & OXIDIZING

Manganese Chloride, Tetrahydrate

Manganese (II) Chloride Tetrahydrate;

MnCl₂·4H₂O

F.W. 197.91

CAS: 13446-34-9

Color: Pink

Solubility in Water: Soluble

REAGENT GRADE		
S25418	100 g	\$12.00

MODERATE HAZARD

Manganous Sulfate

Manganese (II) Sulfate Monohydrate;

MnSO₄·H₂O

F.W. 169.01

CAS: 10034-96-5

Color: Light red

Solubility in Water: Soluble

LAB GRADE		
S25422	500 g	\$32.50

MODERATE HAZARD

MentholP-Menthan-3-ol; C₁₀H₂₀O

F.W. 156.26

CAS: 89-78-1

Color: White

Solubility in Water: Soluble in alcohol, chloroform, ether

SOLID		
S25751	25 g	\$13.75
S25751A	100 g	\$58.50

MODERATE HAZARD

Mercuric ChlorideMercury (II) Chloride; HgCl₂

F.W. 271.50

CAS: 7487-94-7

Color: White

Solubility in Water: Soluble

DOT Class 6.1, II: Poison

ACS GRADE - CRYSTALS		
S25423**	100 g	\$49.50

HEALTH HAZARD

Mercuric IodideMercury (II) Iodide; HgI₂

F.W. 454.40

CAS: 7774-29-0

Color: Red

Solubility in Water: Insoluble

DOT Class 6.1, II: Poison

ACS GRADE		
S25424**	25 g	\$15.75

HEALTH HAZARD

Mercuric Oxide

Yellow Oxide of Mercury; HgO

F.W. 216.59

CAS: 21908-53-2

Color: Yellow to orange-yellow

Solubility in Water: Insoluble

DOT Class 6.1, II: Poison

ACS GRADE		
S25425	25 g	\$11.50

HEALTH HAZARD

MethanolMethyl Alcohol; CH₃OH

F.W. 32.04

CAS: 67-56-1

Color: Clear, colorless

Solubility in Water: Miscible in water

DOT Class 3, II: Flammable Liquid

LAB GRADE		
S25426A**	4 L	\$32.50
REAGENT GRADE		
S25426**	500 mL	\$15.25

FLAMMABLE

Methyl Cellulose

Cellulose Methylate

CAS: 9004-67-5

Color: White to off-white

Solubility in Water: Soluble

SOLID		
S25427	100 g	\$21.25

MODERATE HAZARD



Methyl Cellulose Solution, 1.5%

Color: Clear, Colorless

Solubility in Water: Soluble

MODERATE HAZARD

1.5% SOLUTION

S25428	20 mL	\$18.00
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Methyl Orange IndicatorOrange III; C₁₄H₁₅N₃O₃Na

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	25 g	\$10.50
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Methyl Red IndicatorSodium Salt; C₁₅H₁₄N₃O₂Na

F.W. 291.28

CAS: 845-10-3

Color: Orange

Solubility in Water: Soluble

MODERATE HAZARD

SOLID

S25434	10 g	\$8.90
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S25434A	25 g	\$24.25
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Methyl Red Indicator Solution, 0.02%

Color: Orange

Solubility in Water: Soluble

DOT Class 3, II: *Flammable Liquid*

FLAMMABLE

0.02% SOLUTION

S25435	500 mL	\$11.25
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Methyl SalicylateWintergreen Oil; C₈H₈O₃

F.W. 152.15

CAS: 119-36-8

Color: Colorless to yellow-red

Solubility in Water: Slightly soluble in water

MODERATE HAZARD

SOLUTION

S25437	100 mL	\$18.00
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Methylene Blue

Methylene Blue Chloride;

C₁₆H₁₈ClN₃S·3H₂O

F.W. 373.90

CAS: 7220-79-3

Color: Dark green

Solubility in Water: Soluble

MODERATE HAZARD

SOLID

S25429	10 g	\$12.00
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S25429A	25 g	\$21.25
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Methylene Blue (Loeffler's)

Color: Blue

Solubility in Water: Soluble

DOT Class 3, II: *Flammable Liquid*

FLAMMABLE

SOLUTION

S25432	500 mL	\$15.25
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Methylene Blue Solution, 1%

Color: Dark blue

Solubility in Water: Soluble

MODERATE HAZARD

1% SOLUTION

S25430	15 mL	\$8.30
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S25431	100 mL	\$6.60
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S25431A	500 mL	\$12.50
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Methylene Blue, 0.004M

Methylene Blue Chloride;

C₁₆H₁₈ClN₃S·3H₂O

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

Color: Blue

Solubility in Water: Soluble

DOT Class 3, II: *Flammable Liquid*

FLAMMABLE

LIQUID

S25836	30 mL	\$15.75
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Mineral Oil

Bath Oil

CAS: 8042-47-5

Color: White

Solubility in Water: Insoluble

MODERATE HAZARD

HEAVY

S25440	500 mL	\$19.75
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LIGHT

S25439	500 mL	\$12.00
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S25439A	4 L	\$66.50
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Molasses

Color: Brown

Not suitable for human consumption.

MODERATE HAZARD

SOLUTION

S25753	300 mL	\$11.25
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Molisch Reagent

Color: Colorless

Solubility in Water: Infinite

DOT Class 3, II: *Flammable Liquid*

FLAMMABLE

SOLUTION

S25754	100 mL	\$15.25
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Molybdenum (IV) OxideMolybdenum Trioxide; MoO₂

F.W. 143.94

CAS: 18868-43-4

Color: Gray

DOT Class 6.1, III: *Poison*

HEALTH HAZARD

SOLID

S25755	10 g	\$29.00
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NaphthaleneTar Camphor; C₁₀H₈

F.W. 128.17

CAS: 91-20-3

Color: White

Solubility in Water: Insoluble

DOT Class 4.1, III: *Flammable Solid*

FLAMMABLE

REAGENT GRADE

S25441*	100 g	\$10.25
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S25441A*	500 g	\$26.75
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Nickel

Nickel Metal Shot; Ni

F.W. 58.69

CAS: 7440-02-0

Color: White to gray-white

MODERATE HAZARD

SOLID

S25444*	50 g	\$17.75
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S25444A*	500 g	\$108.00
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Nickel (II) Chloride, HexahydrateNickel Dichloride; NiCl₂·6H₂O

F.W. 237.72

CAS: 7791-20-0

Color: Green

Solubility in Water: Soluble

DOT Class 6.1, III: *Poison*

HEALTH HAZARD

REAGENT GRADE

S25442*	100 g	\$20.75
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S25442A*	500 g	\$85.00
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Nickel (II) Nitrate, Hexahydrate

Nickelous Nitrate Hexahydrate;

Ni(NO₃)₂·6H₂O

F.W. 290.82

CAS: 13478-00-7

Color: Emerald green

Solubility in Water: Soluble

DOT Class 5.1, III: *Oxidizer*

REACTIVE & OXIDIZING

REAGENT GRADE

S25443	100 g	\$18.50
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S25443A	500 g	\$65.00
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Nickel (II) Sulfate, HexahydrateNickelous Sulfate Crystal; NiSO₄·6H₂O

F.W. 262.87

CAS: 10101-97-0

Color: Blue-green

Solubility in Water: Soluble

DOT Class 6.1, III: *Poison*

HEALTH HAZARD

REAGENT GRADE

S25445	100 g	\$20.50
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S25445A	500 g	\$61.50
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Nicotine Solution

CAS: 7732-18-5, 54-11-5, 532-32-1

Density: &bsim;1g/mL

Shelf Life: 1 year

MODERATE HAZARD

SOLUTION

S25446	100 mL	\$10.75
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Nigrosin Saturated Aqueous Solution

Nigrosine Biological Stain

Color: Dark blue-violet

Solubility in Water: Infinite

MODERATE HAZARD

SOLUTION

S25447	100 mL	\$15.75
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Ninhydrin

1,2,3-Indantrione Monohydrate;
 $C_6H_4 \cdot 1,2-(CO)_2CO \cdot H_2O$
 F.W. 178.14
 CAS: 485-47-2
 Color: Slightly yellow
 Solubility in Water: Soluble

MODERATE HAZARD

SOLID		
S25448	10 g	\$23.50

Nitric Acid Solution, 15.8M, Concentrated

Hydrogen Nitrate; HNO_3
 F.W. 63.02
 Color: Clear
 Solubility in Water: Soluble in water
 DOT Class 8, II: Corrosive

CORROSIVE

ACS GRADE - NON-SAFECOTE		
S25906	500 mL	\$44.00
ACS GRADE - SAFECOTE		
S25449C	2.5 L	\$59.75

Nitric Acid Solution, 1M/3M

Color: Clear to yellow
 Solubility in Water: Soluble in water
 DOT Class 8, II: Corrosive

CORROSIVE

1M		
S25449B	500 mL	\$8.60
3M		
S25860	500 mL	\$9.50

Nitric Acid Solution, 6M

Color: Clear to yellow
 Solubility in Water: Soluble in water
 DOT Class 8, II: Corrosive

CORROSIVE

6M		
S25449A	500 mL	\$34.00

Nutrient Broth

Color: Beige
 Solubility in Water: Soluble in water

MODERATE HAZARD

POWDER		
S25759A	100 g	\$45.25

1-Octadecanol

Stearyl Alcohol; $CH_3(CH_2)_{16}CH_2OH$
 F.W. 270.50
 CAS: 112-92-5
 Color: White
 Solubility in Water: Insoluble

MODERATE HAZARD

SOLID		
S25759B	500 g	\$173.00

1-Octanol

n-Octyl Alcohol; $CH_3(CH_2)_7OH$
 F.W. 130.23
 CAS: 111-87-5
 Color: Clear, colorless
 Solubility in Water: Insoluble

MODERATE HAZARD

REAGENT GRADE		
S25450B	50 mL	\$11.75
S25450A	100 mL	\$18.75
S25450	500 mL	\$30.75

Oleic Acid

Cis-9-Octadecenoic Acid; $C_{18}H_{34}O_2$
 F.W. 282.47
 CAS: 112-80-1
 Color: Colorless to pale red
 Solubility in Water: Insoluble

MODERATE HAZARD

LAB GRADE		
S25451	100 mL	\$7.70
S25451A	500 mL	\$19.25

Olive Oil

CAS: 8001-25-0
 Color: Yellow
 Solubility in Water: Insoluble
 Not suitable for human consumption.

MODERATE HAZARD

SOLUTION		
S25452	500 mL	\$20.75

Onion's Fusible Alloy

Color: White
 Solubility in Water: Insoluble in water

MODERATE HAZARD

METAL		
S25776A	100 g	\$27.75

Orange G, Biological Stain

Acid Fast Orange G
 F.W. 452.18
 CAS: 1936-15-8
 Color: Yellow-red to orange
 Solubility in Water: Soluble

MODERATE HAZARD

SOLID		
S25453	25 g	\$21.75

Oxalic Acid, Dihydrate

Ethanedioic Acid Dehydrate; $H_2C_2O_4 \cdot 2H_2O$
 F.W. 126.07
 CAS: 6153-56-6
 Color: White
 Solubility in Water: Soluble
 DOT Class 8 (6.1), II: Corrosive

CORROSIVE

LAB GRADE - SOLID		
S25455	500 g	\$15.25

Palmitic Acid

Hexadecanoic Acid; $CH_3(CH_2)_{14}CO_2H$
 F.W. 256.43
 CAS: 57-10-3
 Color: White
 Solubility in Water: Insoluble

MODERATE HAZARD

FLAKES		
S25763	100 g	\$32.50

Pancreatin

CAS: 8049-47-6
 Solubility in Water: Slightly soluble

MODERATE HAZARD

LAB GRADE		
S25456	100 g	\$15.50

Papain

CAS: 9001-73-4
 Color: White
 Solubility in Water: Partly soluble in water

MODERATE HAZARD

SOLID		
S25764	10 g	\$30.25

Paraffin Wax (Cake)

CAS: 8002-74-2
 Color: Clear or White
 Solubility in Water: Insoluble

MODERATE HAZARD

SOLID		
S25646	454 g	\$14.50

Peanut Oil

Arachis Oil
 CAS: 8002-03-7
 Color: Colorless
 Solubility in Water: Insoluble
 Not suitable for human consumption.

MODERATE HAZARD

SOLUTION		
S25760	500 mL	\$22.75

Pentane

$CH_3(CH_2)_3CH_3$
 CAS: 109-66-0
 Color: Colorless
 Solubility in Water: Insoluble
 DOT Class 3, I: Flammable Liquid

FLAMMABLE

REAGENT GRADE		
S25457	100 mL	\$11.00

Peppermint Oil

CAS: 8006-90-4
 Color: Colorless
 Solubility in Water: Insoluble
 Not suitable for human consumption.

MODERATE HAZARD

SOLUTION		
S25458	25 mL	\$20.00



Pepsin Powder

CAS: 9001-75-6

Color: White/yellow

Solubility in Water: Soluble

MODERATE HAZARD

POWDER

S25459	30 g	\$11.50
S25459A	100 g	\$40.00

Peptone

CAS: 73049-73-7

Color: Yellow

Solubility in Water: Soluble in water

MODERATE HAZARD

SOLID

S25761A	100 g	\$19.50
S25761B	500 g	\$70.50

Petrolatum

Petroleum Jelly

CAS: 8009-03-8

Color: White to yellow

Solubility in Water: Insoluble

MODERATE HAZARD

SOLID

S25460	500 g	\$18.25
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Petroleum Ether

Ligroine

CAS: 8032-32-4

Color: Clear

Solubility in Water: Insoluble

DOT Class 3, II: *Flammable Liquid*

FLAMMABLE

ACS GRADE

S25461	100 mL	\$9.50
S25461A	500 mL	\$20.50
S25461B	1 lb.	\$13.75

pH Buffer Solutions (pH 1 to pH 12)

Color: Clear, colorless

Solubility in Water: Infinite

MODERATE HAZARD

S25208	PH 1	500 mL	\$18.00
S25208A	PH 2	500 mL	\$18.75
S25208B	PH 3	500 mL	\$17.50
S25208C	PH 4	500 mL	\$16.75
S25208D	PH 5	500 mL	\$16.50
S25208E	PH 6	500 mL	\$16.50
S25208F	PH 7	500 mL	\$17.00
S25208G	PH 8	500 mL	\$16.25
S25208H	PH 9	500 mL	\$15.00
S25208I	PH 10	500 mL	\$16.75
S25208J	PH 11	500 mL	\$17.75
S25208K	PH 12	500 mL	\$12.25

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

Color: Yellow

Solubility in Water: Infinite

MODERATE HAZARD

pH 4.0: RED

S25849A	500 mL	\$8.80
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pH 7.0: YELLOW

S25849B	500 mL	\$8.80
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pH 10.0: BLUE

S25849	500 mL	\$8.80
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1,10-Phenanthroline MonohydrateC₁₂H₈N₂·H₂O

F.W. 198.21

CAS: 5144-89-8

Color: White

Solubility in Water: Soluble

DOT Class 6.1, III: *Poison*

HEALTH HAZARD

REAGENT GRADE

S25461C	5 g	\$70.00
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PhenolCarbolic Acid; C₆H₅OH

F.W. 94.11

CAS: 108-95-2

Color: Colorless

Solubility in Water: Soluble

DOT Class 6.1, II: *Poison*

HEALTH HAZARD

LAB GRADE

S25462	100 g	\$30.50
S25462A	500 g	\$80.00

Phenol Red Indicator

Phenolsulfonephthalein Sodium;

C₁₉H₁₃NaO₅S

F.W. 376.36

CAS: 34487-61-1

Color: Red

Solubility in Water: Soluble

MODERATE HAZARD

ACS GRADE

S25465	10 g	\$19.75
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Phenol Red Indicator Solution, 0.02% w/v

Color: Red

Solubility in Water: Soluble

MODERATE HAZARD

0.02% SOLUTION

S25464A	500 mL	\$13.75
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Phenol Solution

Color: Colorless

Solubility in Water: Soluble

DOT Class 6.1, II: *Poison*

HEALTH HAZARD

SOLUTION

S25463	100 mL	\$24.25
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Phenolphthalein in IPA Solution

Color: Clear, colorless to slight pink

Solubility in Water: Infinite

DOT Class 3, II: *Flammable Liquid*

FLAMMABLE

0.50% SOLUTION

S25468A*	100 mL	\$5.40
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S25468***	500 mL	\$10.25
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1% SOLUTION

S25467*	100 mL	\$6.55
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S25467A***	500 mL	\$10.25
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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

MODERATE HAZARD

REAGENT GRADE - POWDER

S25466*	25 g	\$8.80
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Phenyl SalicylateSalol; 2-HOC₆H₄-1-CO₂C₆H₅

F.W. 214.22

CAS: 118-55-8

Color: White

Solubility in Water: Insoluble

MODERATE HAZARD

SOLID

S25469	100 g	\$17.50
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Phosphate Buffer Solution, 0.1M

Color: Clear, colorless

Solubility in Water: Infinite

MODERATE HAZARD

0.1M

S25472	60 mL	\$5.35
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o-Phosphoric Acid Solution, 85%Orthophosphoric acid; H₃PO₄

F.W. 98

CAS: 7664-38-2

Color: Clear, colorless

Solubility in Water: Complete

DOT Class 8, III: *Corrosive*

CORROSIVE

ACS GRADE

S25470	100 mL	\$16.25
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S25470A	1 L	\$71.75
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REAGENT GRADE

S25470B	2.5 L	\$89.00
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Polysnow

Sodium Polyacrylic

CAS: 9033-79-8

Color: White

Solubility in Water: Soluble

MODERATE HAZARD

SOLID

S25774A	100 g	\$20.00
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Polyvinyl AlcoholEthanol; [CH₂CH(OH)]_n

F.W. 165.00

CAS: 9002-89-5

Color: White

Solubility in Water: Soluble

MODERATE HAZARD

LAB GRADE

S25473	25 g	\$9.30
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S25473A	100 g	\$12.50
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S25473B	500 g	\$34.75
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THICK GEL - 4% SOLUTION

S25474	100 mL	\$25.50
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Potassium Bicarbonate

Baking Soda; KHCO_3
 F.W. 100.12
 CAS: 298-14-6
 Color: White
 Solubility in Water: Soluble

MODERATE HAZARD

REAGENT GRADE

S25475	100 g	\$7.90
S25475A	500 g	\$21.00

Potassium Bisulfate

Potassium Hydrogen Sulfate; KHSO_4
 F.W. 136.17
 CAS: 7646-93-7
 Color: White
 Solubility in Water: Soluble
 DOT Class 8, II: Corrosive

CORROSIVE

SOLID

S25476	100 g	\$17.00
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Potassium Bitartrate

Cream of Tartar; $\text{KHC}_4\text{H}_4\text{O}_6$
 F.W. 188.18
 CAS: 868-14-4
 Color: White
 Solubility in Water: Partially

MODERATE HAZARD

REAGENT GRADE

S25477	100 g	\$10.50
S25477A	500 g	\$27.25

Potassium Bromide

Hydrobromic Acid Potassium Salt; KBr
 F.W. 119.02
 CAS: 7758-02-3
 Color: White
 Solubility in Water: Soluble

MODERATE HAZARD

REAGENT GRADE

S25478	500 g	\$24.25
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Potassium Carbonate, Anhydrous

Dipotassium Salt Of Carbonic Acid; K_2CO_3
 F.W. 138.21
 CAS: 584-08-7
 Color: White
 Solubility in Water: Soluble

MODERATE HAZARD

LAB GRADE

S25480	500 g	\$15.25
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Potassium Carbonate, Sesquihydrate

Pearl Ash; $\text{K}_2\text{CO}_3 \cdot 1.5\text{H}_2\text{O}$
 F.W. 165.245g
 CAS: 6381-79-9
 Color: White
 Solubility in Water: Soluble

MODERATE HAZARD

SOLID

S25479	500 g	\$43.00
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Potassium Chlorate

Salt of Tartar; KClO_3
 F.W. 122.55
 CAS: 3811-04-9
 Color: White
 DOT Class 5.1, II: Oxidizer

REACTIVE & OXIDIZING

LAB GRADE

S25482	100 g	\$10.75
S25482A	500 g	\$23.50

Potassium Chloride

KCl
 F.W. 74.56
 CAS: 7447-40-7
 Color: White
 Solubility in Water: Partially soluble

MODERATE HAZARD

REAGENT GRADE

S25484	100 g	\$7.30
S25484A	500 g	\$13.75

Potassium Chloride Solutions

Color: Clear
 Solubility in Water: Infinite

MODERATE HAZARD

0.1M

S25861	500 mL	\$10.75
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4M

S25485	500 mL	\$10.25
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Potassium Chromate

Chromic Acid; K_2CrO_4
 F.W. 194.20
 CAS: 7789-00-6
 Color: Yellow
 Solubility in Water: Soluble in water
 DOT Class 6.1 (5.1), II: Poison

REACTIVE & OXIDIZING

LAB GRADE

S25486A	500 g	\$64.00
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REAGENT GRADE

S25486***	100 g	\$14.50
S25486B***	500 g	\$37.00

Potassium Chromate Solution, 0.1M

Indicator for Chloride Determination
 Color: Yellow
 Solubility in Water: Soluble in water

MODERATE HAZARD

0.1M

S25862***	500 mL	\$7.90
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Potassium Dichromate

Potassium Bichromate; $\text{K}_2\text{Cr}_2\text{O}_7$
 F.W. 294.19
 CAS: 7778-50-9
 Color: Orange
 Solubility in Water: Soluble
 DOT Class 6.1, I: Poison

REACTIVE & OXIDIZING

REAGENT GRADE

S25487***	100 g	\$17.00
S25487A***	500 g	\$40.25

Potassium Ferricyanide

Potassium Prussiate; $\text{K}_3\text{Fe}(\text{CN})_6$
 F.W. 329.26
 CAS: 13746-66-2
 Color: Orange/red
 Solubility in Water: Partly soluble in water

MODERATE HAZARD

SOLID

S25488	100 g	\$12.00
S25488A	500 g	\$35.75

Potassium Ferrocyanide, Trihydrate

Potassium Hexacyanoferrate (II)
 Trihydrate; $\text{K}_4\text{Fe}(\text{CN})_6 \cdot 3\text{H}_2\text{O}$
 F.W. 422.41
 CAS: 14459-95-1
 Color: Yellow
 Solubility in Water: Soluble in water

MODERATE HAZARD

SOLID

S25489	100 g	\$19.25
S25489A	500 g	\$70.00

Potassium Hydrogen Phthalate

Potassium Acid Phthalate; $\text{KHC}_8\text{H}_4\text{O}_4$
 F.W. 204.23
 CAS: 877-24-7
 Color: White
 Solubility in Water: Soluble

MODERATE HAZARD

SOLID

S25490	100 g	\$16.50
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Potassium Hydroxide

Caustic Potash; KOH
 F.W. 56.11
 CAS: 1310-58-3
 Color: White
 Solubility in Water: Soluble
 DOT Class 8, II: Corrosive

CORROSIVE

REAGENT GRADE

S25491	100 g	\$9.15
S25491A	500 g	\$30.00

Potassium Hydroxide Solution, 0.1M

Color: Clear
 Solubility in Water: Soluble in water

MODERATE HAZARD

0.1M

S25863	500 mL	\$6.00
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Potassium Iodate

Iodic Acid, potassium salt; KIO_3
 F.W. 214.00
 CAS: 7758-05-6
 Color: White
 Solubility in Water: Soluble in water
 DOT Class 5.1, II: Oxidizer

REACTIVE & OXIDIZING

LAB GRADE

S25492B	500 g	\$101.00
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REAGENT GRADE

S25492	25 g	\$11.50
S25492A	100 g	\$28.00



Potassium Iodide

KI
 F.W. 166.01
 CAS: 7681-11-0
 Color: White
 Solubility in Water: Soluble

MODERATE HAZARD

LAB GRADE

S25493C	100 g	\$33.75
S25493D	500 g	\$152.00

REAGENT GRADE

S25493	25 g	\$19.25
S25493A	100 g	\$33.50
S25493B	500 g	\$140.00

Potassium Iodide Solutions

Color: Clear
 Solubility in Water: Infinite

MODERATE HAZARD

0.1M

S25864	500 mL	\$15.50
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0.5M

S25865	500 mL	\$27.75
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Potassium Nitrate

Saltpeper; KNO₃
 F.W. 101.11
 CAS: 7757-79-1
 Color: White
 DOT Class 5.1, III: Oxidizer

REACTIVE & OXIDIZING

LAB GRADE

S25494B	500 g	\$10.50
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REAGENT GRADE

S25494	100 g	\$8.45
S25494A	500 g	\$17.25
S25494C	3 kg	\$76.00

Potassium Nitrate Solution, 0.1M

Color: Clear
 Solubility in Water: Infinite

MODERATE HAZARD

0.1M

S25866	500 mL	\$7.10
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Potassium Nitrite

Nitrous Acid; KNO₂
 F.W. 85.11
 CAS: 7758-09-0
 Color: White/Pale-yellow
 Solubility in Water: Soluble
 DOT Class 5.1, II: Oxidizer

REACTIVE & OXIDIZING

REAGENT GRADE

S25495	100 g	\$25.00
S25495A	500 g	\$128.00

Potassium Nitrite Solution, 1M

Color: Clear
 Solubility in Water: Infinite

MODERATE HAZARD

1M

S25867	100 mL	\$13.25
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Potassium Oxalate, Monohydrate

Oxalic Acid; K₂C₂O₄·H₂O
 F.W. 184.24
 CAS: 6487-48-5
 Color: White
 Solubility in Water: Soluble
 DOT Class 6.1, III: Poison

HEALTH HAZARD

LAB GRADE

S25496	100 g	\$13.75
S25496A	500 g	\$27.50

Potassium Permanganate

Chameleon Mineral; KMnO₄
 F.W. 158.04
 CAS: 7722-64-7
 Color: Dark brown
 Solubility in Water: soluble
 DOT Class 5.1, II: Oxidizer

REACTIVE & OXIDIZING

REAGENT GRADE

S25497	100 g	\$10.50
S25497A	500 g	\$30.50

Potassium Permanganate Solutions

Color: Purple
 Solubility in Water: Infinite

MODERATE HAZARD

0.01M

S25869	500 mL	\$6.95
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0.1M

S25870	500 mL	\$10.50
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0.2M

S25871	500 mL	\$10.25
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Potassium Persulfate

Dipotassium Peroxydisulfate; K₂S₂O₈
 F.W. 270.33
 CAS: 7727-21-1
 Color: White
 Solubility in Water: Slightly soluble in water
 DOT Class 5.1 (8), III: Oxidizer

REACTIVE & OXIDIZING

LAB GRADE

S25498	100 g	\$13.25
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Potassium Phosphate, Diabasic, Anhydrous

Potassium Monohydrogen Phosphate;
 K₂HPO₄
 F.W. 174.18
 CAS: 7758-11-4
 Solubility in Water: Soluble in water

MODERATE HAZARD

SOLID

S25500A	100 g	\$11.25
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Potassium Phosphate, Monobasic

Dipotassium Phosphate Monobasic;
 KH₂PO₄
 F.W. 136.09
 CAS: 7778-77-0
 Color: White
 Solubility in Water: Soluble in water

MODERATE HAZARD

SOLID

S25499	100 g	\$14.25
S25499A	500 g	\$31.25

Potassium Phosphate, Tribasic

Tripotassium Phosphate; K₃PO₄·nH₂O
 F.W. 212.03
 CAS: 7778-53-2
 Color: White
 Solubility in Water: Soluble
 DOT Class 8, II: Corrosive

CORROSIVE

REAGENT GRADE

S25501	100 g	\$27.50
S25501A	500 g	\$46.00

Potassium Polyacrylate

Potassium Acrylate
 CAS: 25608-12-2
 Color: Off White
 Solubility in Water: Insoluble

MODERATE HAZARD

SOLID

S25502A	500 g	\$37.75
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Potassium Sodium Tartrate, Tetrahydrate

Seignette Salt; KNaC₄H₄O₆·4H₂O
 F.W. 282.22
 CAS: 6381-59-5
 Color: White
 Solubility in Water: Soluble

MODERATE HAZARD

SOLID

S25503	100 g	\$13.50
S25503A	500 g	\$26.00

Potassium Sulfate

Dipotassium Sulfate; K₂SO₄
 F.W. 174.27
 CAS: 7778-80-5
 Color: White
 Solubility in Water: Partly soluble in water

MODERATE HAZARD

ACS GRADE

S25505	500 g	\$30.50
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LAB GRADE

S25504	500 g	\$20.50
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Potassium Thiocyanate

Potassium Rhodanate; KSCN
 F.W. 97.18
 CAS: 333-20-0
 Color: White
 Solubility in Water: Soluble

MODERATE HAZARD

ACS GRADE

S25506	100 g	\$14.25
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S25506A	500 g	\$71.00
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Potassium Thiocyanate Solution, 0.1M

Color: Clear
 Solubility in Water: Infinite

MODERATE HAZARD

0.1M

S25872	500 mL	\$13.75
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1,2-Propanediol1,2-Propylene Glycol; $\text{CH}_3\text{CHOHCH}_2\text{OH}$

F.W. 76.10

CAS: 57-55-6

Density: 1.0361g/cm³

Color: Colorless

Solubility in Water: Miscible with water

Shelf Life: 2 years

MODERATE HAZARD

SOLUTION

S25769	100 mL	\$10.25
S25769A	500 mL	\$21.25

1-PropanolPropyl Alcohol; $\text{CH}_3\text{CH}_2\text{CH}_2\text{OH}$

F.W. 60.10

CAS: 71-23-8

Density: 0.8040g/cm³

Color: Clear

Solubility in Water: Miscible

Shelf Life: 5 years

DOT Class 3, II: *Flammable Liquid*

FLAMMABLE

REAGENT GRADE

S25507A	100 mL	\$12.25
S25507	500 mL	\$15.00

Propionic AcidEthanecarboxylic Acid; $\text{CH}_3\text{CH}_2\text{COOH}$

F.W. 74.08

CAS: 79-09-4

Color: Colorless

Solubility in Water: Soluble

DOT Class 8, II: *Corrosive*

CORROSIVE

LAB GRADE

S25508	100 mL	\$13.50
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PyridineAzine; Azabenzene; $\text{C}_5\text{H}_5\text{N}$

F.W. 79.10

CAS: 110-86-1

Color: Colorless

Solubility in Water: Soluble

DOT Class 3, II: *Flammable Liquid*

FLAMMABLE

REAGENT GRADE

S25762*	50 mL	\$20.25
S25762A*	100 mL	\$36.50

PyrogallolPyrogalllic Acid; $\text{C}_6\text{H}_3\text{1,2,3-(OH)}_3$

F.W. 126.11

CAS: 87-66-1

Color: White

Solubility in Water: Soluble

DOT Class 6.1, II: *Poison*

HEALTH HAZARD

SOLID

S25509	25 g	\$29.25
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Quinine Sulfate, Dihydrate

Quinine Sulfate;

 $(\text{C}_{20}\text{H}_{24}\text{N}_2\text{O}_2)_2 \cdot \text{H}_2\text{SO}_4 \cdot 2\text{H}_2\text{O}$

F.W. 782.97

CAS: 6119-70-6

Color: White to off-white

Solubility in Water: Slightly

DOT Class 6.1, III: *Poison*

HEALTH HAZARD

LAB GRADE - POWDER

S25510	5 g	\$39.50
S25510A	10 g	\$56.25
S25510B	25 g	\$87.00

Rennin

Rennase

CAS: 9001-98-3

Color: Tan

Solubility in Water: Soluble in water

MODERATE HAZARD

SOLID

S25511	5 g	\$65.00
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ResazurinBiological Stain/Indicator; $\text{C}_{12}\text{H}_6\text{N}_4\text{O}_4\text{Na}$

F.W. 251.17

CAS: 62758-13-8

Color: Black

Solubility in Water: Slightly

MODERATE HAZARD

SOLID

S25782	1 g	\$29.00
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1% SOLUTION

S25783	20 mL	\$10.50
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Resorcinol1,3-Benzenediol; $\text{C}_6\text{H}_4\text{-1,3-(OH)}_2$

F.W. 110.11

CAS: 108-46-3

Color: White

Solubility in Water: Soluble

DOT Class 6.1, III: *Poison*

HEALTH HAZARD

POWDER

S25784	25 g	\$17.00
S25784A	100 g	\$40.75

Rhodamine B $\text{C}_{28}\text{H}_{31}\text{ClN}_2\text{O}_3$

F.W. 479.01

CAS: 81-88-9

Density: >1.0g/mL

Color: Dark Green Crystals

Solubility in Water: Soluble in water

Shelf Life: 5 years

MODERATE HAZARD

SOLID

S25785*	25 g	\$46.25
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Ringer's Solution

Physiological Saline

Color: Clear, colorless

Solubility in Water: Soluble in water

MODERATE HAZARD

LIQUID - AMPHIBIAN

S25512	500 mL	\$12.25
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LIQUID - MAMMALIAN

S25513	500 mL	\$10.25
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Rose Bengal Solution

Acid Red 94

Color: Pink

Solubility in Water: Soluble

MODERATE HAZARD

SOLUTION

S25789	100 mL	\$32.75
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Safranin OBasic Red 2; $\text{C}_{20}\text{H}_{19}\text{ClN}_4$

F.W. 350.85

CAS: 477-73-6

Color: Dark Red-brown

Solubility in Water: Soluble in water

MODERATE HAZARD

SOLID

S25514	25 g	\$37.50
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Safranin Staining Solution, 1%

Color: Red-Orange

Solubility in Water: Infinite

MODERATE HAZARD

1% SOLUTION

S25873	500 mL	\$35.75
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Salicylic Acido-Hydroxybenzoic Acid; $2\text{-HO-C}_6\text{H}_4\text{COOH}$

F.W. 138.12

CAS: 69-72-7

Color: White

Solubility in Water: Soluble

MODERATE HAZARD

LAB GRADE

S25515	100 g	\$9.65
S25515A	500 g	\$26.75

Sand, Ottawa

Quartz Silica

F.W. 60.08

CAS: 14808-60-7

Color: White/beige

Solubility in Water: Insoluble

MODERATE HAZARD

POWDER

S25516*	500 g	\$5.35
S25516B*	1 kg	\$11.75
S25516A*	3 kg	\$22.75

Schiff Reagent

Color: Colorless

Solubility in Water: Soluble

Test for aldehydes

MODERATE HAZARD

SOLUTION

S25794	500 mL	\$22.75
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Sebacyl Chloride $\text{COCl(CH}_2)_8\text{COCl}$

F.W. 239.14

CAS: 111-19-3, 7647-01-0, 7647-01-0

Density: 1.121g/mL

Color: Colorless to yellow liquid

Solubility in Water: May decompose

Shelf Life: 1 year

CORROSIVE

SOLUTION

S25517	25 mL	\$62.00
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Sebacoyl Chloride/Hexane Solution, 4% v/v

Color: Clear, colorless

DOT Class 3, II: *Flammable Liquid*

FLAMMABLE

4% SOLUTION

S25517A	100 mL	\$22.75
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Seliwanoff Reagent

Color: Colorless

DOT Class 8, II: *Corrosive*

CORROSIVE

SOLUTION

S25798	100 mL	\$14.00
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Sesame Oil

Gingilli Oil, Sextra

CAS: 8008-74-0

Color: Clear yellow

Solubility in Water: Insoluble in water

Not suitable for human consumption.

MODERATE HAZARD

LIQUID

S25518	100 mL	\$9.50
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Silica Gel 6-12 Mesh, Non-indicating

Non-indicating Amorphous Silica

F.W. 58.08

CAS: 1343-98-2

Color: White

Solubility in Water: Insoluble

MODERATE HAZARD

SOLID

S25519	500 g	\$45.25
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Silica Gel, Indicating

Amorphous Silica

F.W. 60.08

Color: Blue

Solubility in Water: Insoluble, chloride may leach out

MODERATE HAZARD

SOLID

S25520	500 g	\$32.25
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Silicon Metal

Si

F.W. 28.09

CAS: 7440-21-3

Color: Silver/gray

Solubility in Water: Insoluble

MODERATE HAZARD

POWDER

S25521	100 g	\$11.00
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S25521A	500 g	\$30.50
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Silver

Ag

F.W. 107.87

CAS: 7440-22-4

Color: Silver

Solubility in Water: Insoluble

MODERATE HAZARD

FOIL

S25522	25 g	\$175.00
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Silver AcetateSilver Monoacetate; CH₃CO₂Ag

F.W. 166.92

CAS: 563-63-3

Color: Off-white to gray

Solubility in Water: Soluble

MODERATE HAZARD

REAGENT GRADE

S25523	10 g	\$81.00
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Silver NitrateAgNO₃

F.W. 169.87

CAS: 7761-88-8

Solubility in Water: soluble

Shelf Life: 5 years

DOT Class 5.1, II: *Oxidizer*

REACTIVE & OXIDIZING

SOLID

S25525	25 g	\$125.00
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S25525A	500 g	\$1,851.00
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Silver Nitrate Solutions

Color: Clear, colorless

Solubility in Water: Soluble in water

Shelf Life: 5 years

MODERATE HAZARD

0.1N

S25527	1 L	\$120.00
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0.5M

S25874	500 mL	\$166.00
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1.0N

S25526	100 mL	\$64.75
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S25526A	500 mL	\$340.00
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Silver OxideArgentous Oxide; Ag₂O

F.W. 231.74

CAS: 20667-12-3

Color: Brown/black

Shelf Life: 5 years

DOT Class 5.1 (8), II: *Oxidizer*

REACTIVE & OXIDIZING

SOLID

S25528	25 g	\$110.00
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Sodium Acetate, AnhydrousAcetic Acid Sodium Salt; CH₃CO₂Na

F.W. 82.03

CAS: 127-09-3

Color: White

Solubility in Water: Soluble

Shelf Life: 1 year

MODERATE HAZARD

LAB GRADE

S25530	100 g	\$9.20
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S25530A	500 g	\$17.50
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Sodium Acetate, Trihydrate

Acetic Acid, Sodium Salt, Trihydrate;

CH₃CO₂Na·3H₂O

F.W. 136.08

CAS: 6131-90-4

Color: White

Solubility in Water: Soluble in water, ether

Shelf Life: 2 years

MODERATE HAZARD

REAGENT GRADE

S25531	500 g	\$19.50
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Sodium BenzoateBenzoic Acid, Sodium Salt; C₆H₅CO₂Na

F.W. 144.11

CAS: 532-32-1

Color: White

Solubility in Water: Soluble

Shelf Life: 5 years

MODERATE HAZARD

LAB GRADE - SOLID

S25532	100 g	\$15.50
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Sodium BicarbonateSodium Hydrogen Carbonate; NaHCO₃

F.W. 84.01

CAS: 144-55-8

Solubility in Water: Slightly soluble in water

Shelf Life: 5 years

MODERATE HAZARD

LAB GRADE

S25533C	500 g	\$6.05
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S25533A	2.5 kg	\$19.00
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REAGENT GRADE

S25533	500 g	\$9.95
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S25533B	3 kg	\$25.25
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Sodium Bismuthate (V)NaBiO₃

F.W. 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	10 g	\$50.25
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Sodium Bisulfate, MonohydrateSodium Hydrogen Sulfate; NaHSO₄·H₂O

F.W. 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	500 g	\$34.50
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Sodium BisulfiteSodium Hydrogen Sulfite; NaHSO₃

F.W. 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	100 g	\$6.55
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S25536A	500 g	\$13.25
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Sodium Borate, DecahydrateBorax; Na₂B₄O₇·10H₂O

F.W. 381.42

CAS: 1303-96-4

Color: White

Solubility in Water: Soluble

Shelf Life: 5 years

MODERATE HAZARD

LAB GRADE

S25537B	500 g	\$14.75
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REAGENT GRADE

S25537	100 g	\$7.30
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S25537A	500 g	\$19.50
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Sodium Bromide

Bromide Salt of Sodium; NaBr

F.W. 102.9

CAS: 7647-15-6

Color: White

Solubility in Water: Soluble

Shelf Life: 1 year

MODERATE HAZARD

REAGENT GRADE

S25538	100 g	\$11.75
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S25538A	500 g	\$24.75
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Sodium CarbonateNa₂CO₃

F.W. 105.99

CAS: 497-19-8

Color: White

Solubility in Water: Soluble

Shelf Life: 1 year

MODERATE HAZARD

LAB GRADE

S25539	100 g	\$3.40
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S25539A	500 g	\$8.80
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S25539D	2 kg	\$18.25
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REAGENT GRADE

S25539B	500 g	\$14.00
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Sodium Carbonate, MonohydrateSoda Ash Monohydrate; Na₂CO₃·H₂O

F.W. 124.00

CAS: 5968-11-6

Color: White

Solubility in Water: Partially soluble

Shelf Life: 5 years

MODERATE HAZARD

SOLID

S25539C	500 g	\$24.50
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Sodium ChlorateNaClO₃

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	500 g	\$15.75
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S25540A	2 kg	\$38.00
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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	500 g	\$5.90
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REAGENT GRADE

S25541	500 g	\$9.25
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S25541A	2.5 kg	\$20.50
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S25542A	3 kg	\$45.25
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S25541B	12 kg	\$41.00
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SOLID - ROCK SALT

S25543	2.5 kg	\$11.25
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Sodium Chloride Solutions

Color: Clear

Solubility in Water: Infinite

MODERATE HAZARD

0.1M

S25875	500 mL	\$6.40
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0.5M

S25876	500 mL	\$9.05
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1M

S25877	500 mL	\$5.10
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Sodium Chromate, AnhydrousChromic Acid; Na₂CrO₄

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	100 g	\$14.50
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Sodium Citrate, Dihydrate

Citric Acid Trisodium Salt Trihydrate;

Na₃C₆H₅O₇·2H₂O

F.W. 294.10

CAS: 6132-04-3

Color: White

Solubility in Water: Soluble

Shelf Life: 5 years

MODERATE HAZARD

LAB GRADE

S25545	500 g	\$16.75
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Sodium Dichromate Solution, 0.1M

Color: Yellow/Orange

Solubility in Water: Infinite

MODERATE HAZARD

0.1M

S25879***	500 mL	\$11.75
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Sodium Dichromate, DihydrateSodium Bichromate; Na₂Cr₂O₇·2H₂O

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***	100 g	\$6.75
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S25546A***	500 g	\$17.75
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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	100 g	\$12.50
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S25547A	500 g	\$23.25
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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	500 g	\$11.25
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REAGENT GRADE

S25548	100 g	\$8.30
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S25548A	500 g	\$18.50
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S25548C	1 kg	\$54.00
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S25548D	3 kg	\$87.00
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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	500 mL	\$6.20
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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	500 mL	\$12.25
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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	1 L	\$14.25

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	1 L	\$7.80
1N SOLUTION		
S25549	1 L	\$12.75

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	500 mL	\$9.90
3M		
S25884	500 mL	\$12.75
50% SOLUTION		
S25882	500 mL	\$23.75
6M		
S25883	500 mL	\$14.25

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% SOLUTION		
S25552	500 mL	\$8.10

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	100 g	\$43.75

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	100 g	\$30.25
S25554A	500 g	\$129.00
1M		
S25555	500 mL	\$37.00

Sodium Metal

Natrium; 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	10 g	\$34.75
S25556A	100 g	\$65.50

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	100 g	\$7.75
S25558A	500 g	\$9.75
S25558B	2 kg	\$28.75
REAGENT GRADE		
S25557	500 g	\$19.25

Sodium Nitrate Solution

NNaO₃

F.W. 84.99

CAS: 7631-99-4, 7732-18-5

Density: 1.00g/mL at 20&deg;C

Color: Clear, Colorless Liquid

Solubility in Water: Soluble in water

Shelf Life: 2 years

MODERATE HAZARD

1M		
S25559	60 mL	\$9.05

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	100 g	\$10.50
S25560A	500 g	\$26.25

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	25 g	\$6.05
S25561A	100 g	\$20.75
S25561B	500 g	\$49.50

Sodium Oxalate Solution, 0.1M

Color: Clear

Solubility in Water: Infinite

MODERATE HAZARD

0.1M		
S25888	500 mL	\$11.00

Sodium Phosphate Solution, 0.1M

Color: Clear

Solubility in Water: Soluble in water

MODERATE HAZARD

0.1M		
S25889	500 mL	\$14.50

Sodium Phosphate, Dibasic, Anhydrous

Disodium Hydrogen Phosphate; Na₂HPO₄

F.W. 141.96

CAS: 7758-79-4

Color: White

Solubility in Water: Soluble

Shelf Life: 1 year

MODERATE HAZARD

REAGENT GRADE		
S25563	100 g	\$14.25
S25563A	500 g	\$29.75

Sodium Phosphate, Dibasic, Heptahydrate

Disodium hydrogen phosphate heptahydrate; Na₂HPO₄·7H₂O

F.W. 268.07

CAS: 7782-85-6

Color: White

Shelf Life: 5 years

MODERATE HAZARD

CRYSTALS		
S25837	500 g	\$37.25

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	100 g	\$11.00

Sodium Phosphate, Monobasic, Anhydrous

Sodium Dihydrogen Phosphate; NaH_2PO_4
F.W. 120.00
CAS: 7558-80-7
Color: White
Solubility in Water: Soluble
Shelf Life: 1 year

MODERATE HAZARD

SOLID		
S25562	100 g	\$19.75

Sodium Phosphate, Tribasic, Dodecahydrate

Trisodium Orthophosphate Dodecahydrate; $\text{Na}_3\text{PO}_4 \cdot 12\text{H}_2\text{O}$
F.W. 380.12
CAS: 10101-89-0
Color: White
Solubility in Water: Soluble
Shelf Life: 5 years
DOT Class 8, II: Corrosive

CORROSIVE

REAGENT GRADE		
S25564	500 g	\$14.75

Sodium Silicate Solution, 37%

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

MODERATE HAZARD

37% SOLUTION		
S25566	500 mL	\$9.95
S25566A	1 L	\$24.25
S25566B	3.785 L	\$29.75

Sodium Silicate, Nonahydrate

Sodium Metasilicate; $\text{Na}_2\text{SiO}_3 \cdot 9\text{H}_2\text{O}$
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	500 g	\$49.50

Sodium Sulfate Solution, 0.1M

Color: Clear
Solubility in Water: Infinite

MODERATE HAZARD

LIQUID		
S25890	500 mL	\$10.50

Sodium Sulfate, Anhydrous

Disodium Sulfate; Na_2SO_4
F.W. 142.04
CAS: 7757-82-6
Color: White
Solubility in Water: Soluble
Shelf Life: 5 years

MODERATE HAZARD

LAB GRADE		
S25568	100 g	\$7.60
S25568A	500 g	\$15.75

Sodium Sulfate, Decahydrate

Disodium Sulfate Decahydrate;
 $\text{Na}_2\text{SO}_4 \cdot 10\text{H}_2\text{O}$
F.W. 322.19
CAS: 7727-73-3
Color: White
Solubility in Water: Soluble
Shelf Life: 5 years

MODERATE HAZARD

REAGENT GRADE		
S25569	500 g	\$40.75

Sodium Sulfide Solution, 0.1M

Color: Clear
Solubility in Water: Soluble in water

MODERATE HAZARD

0.1M		
S25891	500 mL	\$10.50

Sodium Sulfide, Nonahydrate

Sodium Monosulfide Nonahydrate;
 $\text{Na}_2\text{S} \cdot 9\text{H}_2\text{O}$
F.W. 240.18
CAS: 1313-84-4
Color: Light yellow
Solubility in Water: Partly
Shelf Life: 1 year
DOT Class 8, II: Corrosive

CORROSIVE

LAB GRADE		
S25570	100 g	\$16.75
S25570A	500 g	\$44.50

Sodium Sulfite Solution, 1.0M

Color: Clear
Solubility in Water: Infinite

MODERATE HAZARD

0.1M		
S25892	500 mL	\$10.50

Sodium Sulfite, Anhydrous

Disodium Sulfite; Na_2SO_3
F.W. 126.04
CAS: 7757-83-7
Color: Off-white
Solubility in Water: Soluble
Shelf Life: 1 year

MODERATE HAZARD

REAGENT GRADE		
S25571	500 g	\$14.00

Sodium Thiocyanate

Sodium Rhodanate; NaSCN
F.W. 81.07
CAS: 540-72-7
Color: White
Solubility in Water: Soluble in water
Shelf Life: 1 year

MODERATE HAZARD

REAGENT GRADE		
S25572	100 g	\$17.25
S25572A	500 g	\$31.25

Sodium Thiosulfate Solution, 0.1M

Color: Clear
Solubility in Water: Soluble in water

MODERATE HAZARD

0.1M		
S25893	500 mL	\$9.10

Sodium Thiosulfate, Anhydrous

Sodium Hyposulfite; $\text{Na}_2\text{S}_2\text{O}_3$
F.W. 158.11
CAS: 7772-98-7
Color: White
Solubility in Water: Soluble
Shelf Life: 1 year

MODERATE HAZARD

REAGENT GRADE		
S25573A	500 g	\$14.25

Sodium Thiosulfate, Pentahydrate

Sodium Hyposulfite Pentahydrate;
 $\text{Na}_2\text{S}_2\text{O}_3 \cdot 5\text{H}_2\text{O}$
F.W. 248.18
CAS: 10102-17-7
Color: White
Solubility in Water: Soluble
Shelf Life: 1 year

MODERATE HAZARD

REAGENT GRADE		
S25574	100 g	\$12.50
S25574A	500 g	\$18.25
S25574B	1 kg	\$16.75
S25574C	2.5 kg	\$49.25

Spermaceti Wax

Sperm Whale Wax
CAS: 8002-23-1
Color: Waxy
Solubility in Water: Insoluble
Shelf Life: 5 years

MODERATE HAZARD

SOLID		
S25795	100 g	\$23.75

Stannous Chloride, Dihydrate

Tin (II) Chloride Dihydrate; $\text{SnCl}_2 \cdot 2\text{H}_2\text{O}$
F.W. 225.63
CAS: 10025-69-1
Color: Colorless
Solubility in Water: Soluble
Shelf Life: 1 year
DOT Class 8, III: Corrosive

CORROSIVE

LAB GRADE		
S25578	25 g	\$14.50
S25578A	100 g	\$26.75
S25578B	500 g	\$85.00



StarchAmylodextrin; (C₆H₁₀O₅)_n

CAS: 9005-25-8

Color: White

Solubility in Water: Slightly Soluble

Shelf Life: 5 years

MODERATE HAZARD

0.5% SOLUTION

S25581 500 mL \$11.00

1% SOLUTION

S25584 250 mL \$7.45

5% SOLUTION

S25579 500 mL \$9.10

POWDER - CORN STARCH

S25580 500 g \$10.50

S25580A 2.5 kg \$28.75

POWDER - POTATO STARCH

S25583 500 g \$23.00

POWDER - SOLUBLE STARCH - LAB GRADE

S25582 100 g \$15.50

S25582A 500 g \$50.25

Stearic Acid

1-Heptadecanecarboxylic Acid;

CH₃(CH₂)₁₆COOH

F.W. 284.47

CAS: 57-11-4

Color: White

Solubility in Water: Slightly soluble

Shelf Life: 5 years

DOT Class 4.1, III: *Flammable Solid*

FLAMMABLE

LAB GRADE

S25585 250 g \$16.25

Steel

Color: Gray

Solubility in Water: Insoluble

Shelf Life: 5 years

MODERATE HAZARD

STEEL SHOT

S25587 500 g \$9.90

Strontium Chloride, HexahydrateSrCl₂·6H₂O

F.W. 266.62

CAS: 10025-70-4

Color: White

Solubility in Water: Soluble

Shelf Life: 1 year

MODERATE HAZARD

LAB GRADE

S25588A 100 g \$12.25

S25588B 500 g \$30.75

Strontium NitrateSr(NO₃)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 100 g \$12.75

S25589A 500 g \$24.50

Succinic AcidButanedioic Acid; (CH₂COOH)₂

F.W. 118.09

CAS: 110-15-6

Color: Colorless

Solubility in Water: Soluble

Shelf Life: 5 years

MODERATE HAZARD

CRYSTALS

S25790 100 g \$26.25

SucroseC₁₂H₂₂O₁₁

F.W. 342.30

CAS: 57-50-1

Color: White

Solubility in Water: Soluble

Shelf Life: 5 years

MODERATE HAZARD

REAGENT GRADE

S25590 500 g \$16.75

S25590A 1 kg \$21.75

S25590B 2.5 kg \$44.75

Sudan III2-Naphthalenol; C₂₂H₁₆N₄O

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 10 g \$13.00

S25593A 25 g \$19.00

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% SOLUTION

S25591 100 mL \$11.25

Sudan IVC₂₄H₂₀N₄O

F.W. 380.17

CAS: 85-83-6

Density: 0.78g/mL

Color: Dark Red to Brown Powder

Solubility in Water: Insoluble

Shelf Life: 5 years

MODERATE HAZARD

SOLID

S25594 10 g \$20.75

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% SOLUTION

S25592 100 mL \$12.50

Sulfamic AcidAmidosulfonic Acid; H₂NSO₃H

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 50 g \$16.00

Sulfanilic Acid

p-Aminobenzene Sulfonic Acid;

NH₂C₆H₄SO₃H·H₂O

F.W. 173.19

CAS: 121-57-3

Color: off/white

Solubility in Water: Slightly

Shelf Life: 5 years

MODERATE HAZARD

SOLID

S25793A 100 g \$68.75

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 100 g \$8.00

S25596A 500 g \$11.75

S25596B 2.5 kg \$32.00

REAGENT GRADE - ROLL

S25595 500 g \$6.30

Sulfuric Acid Solution, 0.1M

Color: Clear

Solubility in Water: Infinite

Shelf Life: 2 years

MODERATE HAZARD

0.1M

S25896* 500 mL \$11.00

Sulfuric Acid SolutionsH₂SO₄

Color: Clear, colorless

Solubility in Water: Soluble in water

Shelf Life: 2 years

DOT Class 8, II: *Corrosive*

CORROSIVE

1N

S25598* 500 mL \$9.30

10N

S25599* 500 mL \$15.25

1N

S25598A* 1 L \$12.00

Sulfuric Acid Solutions, Various

Color: Clear
 Solubility in Water: Infinite
 Shelf Life: 2 years
 DOT Class 8, II: *Corrosive*

CORROSIVE

1M		
S25897*	500 mL	\$13.00
2M		
S25898*	500 mL	\$15.75
3M		
S25899*	500 mL	\$14.00
6M		
S25900*	500 mL	\$18.25

Sulfuric Acid, pH 3 to 3.5

H₂SO₄
 Color: Clear Colorless
 Solubility in Water: Infinite
 Shelf Life: 2 years

MODERATE HAZARD

pH 3 TO 3.5		
S25599A*	1 L	\$9.55

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*

CORROSIVE

ACS GRADE - SAFECOTE		
S25597*	500 mL	\$26.00
REAGENT GRADE		
S25894*	2.5 L	\$51.00

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

MODERATE HAZARD

SOLID		
S25799*	500 g	\$18.50

Tannic Acid

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

MODERATE HAZARD

LAB GRADE		
S25600	100 g	\$19.25

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

MODERATE HAZARD

LAB GRADE		
S25601	100 g	\$13.25
S25601A	500 g	\$24.75

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*

FLAMMABLE

SOLUTION		
S25802	100 mL	\$29.00

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.	\$36.50

Thionin Solution

Color: Purple
 Shelf Life: 5 years

MODERATE HAZARD

SOLUTION		
S25817	100 mL	\$30.25

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*

CORROSIVE

LAB GRADE		
S25603	100 g	\$24.25

Thymol Blue Solution, 0.04%

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

MODERATE HAZARD

0.04% SOLUTION		
S25605	100 mL	\$9.00

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

MODERATE HAZARD

SOLID		
S25604	5 g	\$15.75

Thymolphthalein

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

MODERATE HAZARD

REAGENT GRADE		
S25606	5 g	\$17.75

Thymolphthalein Solution, 0.04%

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

FLAMMABLE

0.04% SOLUTION		
S25607	100 mL	\$9.00

Tin

Metallic Tin; Sn
 F.W. 118.70
 CAS: 7440-31-5
 Color: Gray

MODERATE HAZARD

Solubility in Water: Slightly soluble in hot water
 Shelf Life: 5 years

REAGENT GRADE - MOSSY		
S25609	100 g	\$27.25
S25609A	500 g	\$128.00
REAGENT GRADE - SHOT		
S25610	100 g	\$33.50

Titanium Dioxide

Anatase; TiO₂
 F.W. 79.88
 CAS: 13463-67-7

MODERATE HAZARD

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

SOLID		
S25818	100 g	\$20.25

Toluene

Tol, Methylbenzene; CH₃C₆H₅
 F.W. 92.14
 CAS: 108-88-3

FLAMMABLE

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

SOLUTION		
S25611**	500 mL	\$13.25
S25611A**	1 L	\$23.25

Toluidine Blue O Solution, 0.5%

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

MODERATE HAZARD

0.05% SOLUTION		
S25612	15 mL	\$5.50
S25613	100 mL	\$15.25



Trichloroacetic AcidTrichloroethanoic Acid; CCl₃COOH

F.W. 163.39

CAS: 76-03-9

Color: White

Solubility in Water: Soluble in water

Shelf Life: 2 years

DOT Class 8, II: Corrosive

CORROSIVE

LAB GRADE

S25614*	100 g	\$19.75
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Triethanolamine2,2,2-Nitrioltriethanol; N(CH₂CH₂OH)₃

F.W. 149.19

CAS: 102-71-6

Color: Light yellow

Shelf Life: 5 years

MODERATE HAZARD

REAGENT GRADE

S25615	500 mL	\$71.00
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Tris Borate EDTA

TBE 5X Buffer

Color: Clear, colorless

Solubility in Water: Soluble

Shelf Life: 2 years

MODERATE HAZARD

LIQUID

S25616	500 mL	\$15.50
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Tris(hydroxymethyl) AminomethaneTHAM; H₂NC(CH₂OH)₃

F.W. 121.14

CAS: 77-86-1

Color: White

Solubility in Water: Soluble

Shelf Life: 2 years

MODERATE HAZARD

SOLID

S25617	100 g	\$50.75
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Trypsin

Trypsin

CAS: 9002-07-7

Color: White

Solubility in Water: Soluble

Shelf Life: 2 years

MODERATE HAZARD

SOLID

S25839	25 g	\$126.00
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S25618	100 g	\$67.25
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Tryptone

CAS: 73049-73-7

Color: White

Solubility in Water: Soluble

Shelf Life: 5 years

MODERATE HAZARD

SOLID

S25827	100 g	\$48.75
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L-Tyrosine

3-(4-Hydroxyphenyl)-L-Alanine;

HOC₆H₄CH₂CH(NH₂)CO₂H

F.W. 181.19

CAS: 60-18-4

Color: White

Solubility in Water: Slightly

Shelf Life: 5 years

MODERATE HAZARD

SOLID

S25829	5 g	\$22.75
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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.	\$2.65
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SOLUTION

S25363B	100 mL	\$11.50
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S25363	500 mL	\$21.75
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SOLUTION WITH COLOR CHART

S25363A	1 L	\$27.75
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UreaCarbamide Resin; NH₂CONH₂

F.W. 60.06

CAS: 57-13-6

Color: White

Solubility in Water: Soluble

Shelf Life: 5 years

MODERATE HAZARD

REAGENT GRADE

S25620	100 g	\$7.25
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S25620A	500 g	\$12.25
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Urease

Urea Amidohydrolyase

CAS: 9002-13-5

Color: White-yellow

Solubility in Water: Soluble in water

Shelf Life: 5 years

MODERATE HAZARD

SOLID

S25621	10 g	\$19.75
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Vegetable Oil

Soybean Oil

CAS: 8001-22-7

Color: Clear, yellow

Solubility in Water: Insoluble

Shelf Life: 5 years

MODERATE HAZARD

SOLUTION

S25622A	32 oz.	\$18.25
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S25622	500 mL	\$6.60
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Vinegar

Color: Clear, colorless

Solubility in Water: Infinite

Shelf Life: 5 years

MODERATE HAZARD

LIQUID - CIDER

S25624	1 L	\$11.50
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S25624A	3.8 L	\$13.25
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LIQUID - WHITE

S25623	500 mL	\$7.75
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S25623A	3.8 L	\$13.50
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Water

F.W. 18.02

CAS: 7732-18-5

Color: Clear

Shelf Life: 5 years

Use: Not for human consumption

MODERATE HAZARD

DEIONIZED, TYPE II

S25293	4 L	\$10.50
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DISTILLED

S25868	1 gal.	\$13.75
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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	500 mL	\$12.00
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XylenesXylol; C₆H₄(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*	500 mL	\$12.25
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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	100 g	\$10.25
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S25632A	500 g	\$21.25
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Yeast, Brewer's

CAS: 68876-77-7

Color: Yellow-white to yellow-orange

Solubility in Water: 20% in water

Shelf Life: 2 years

MODERATE HAZARD

SOLID

S25631	100 g	\$19.25
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Zeolite

Cationic Exchange Resins

CAS: 1318-02-1

Color: White

Solubility in Water: Insoluble

Shelf Life: 5 years

SOLID

S25834	500 g	\$37.00
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MODERATE HAZARD

Zinc Acetate, Dihydrate $(\text{CH}_3\text{CO}_2)_2\text{Zn}\cdot 2\text{H}_2\text{O}$

F.W. 219.50

CAS: 5970-45-6

Color: White

Solubility in Water: Soluble

Shelf Life: 5 years

REAGENT GRADE

S25634	100 g	\$8.85
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MODERATE HAZARD

Zinc ChlorideZinc Butter; ZnCl_2

F.W. 136.29

CAS: 7646-85-7

Color: White

Solubility in Water: Soluble

Shelf Life: 1 year

DOT Class 8, III: *Corrosive***REAGENT GRADE**

S25635A	100 g	\$8.60
S25635	500 g	\$16.00

CORROSIVE

Zinc Nitrate Solution, 0.1M

Color: Clear

Solubility in Water: Soluble in water

0.1M

S25901	500 mL	\$10.50
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MODERATE HAZARD

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

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***REAGENT GRADE**

S25640	100 g	\$11.25
S25640A	500 g	\$26.75

REACTIVE & OXIDIZING

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***REAGENT GRADE**

S25641	500 g	\$20.75
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HEALTH HAZARD

Zinc Sulfate Solution, 0.1M

Color: Clear

Solubility in Water: Soluble in water

0.1M

S25902	500 mL	\$4.60
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MODERATE HAZARD

Zinc Sulfate, HeptahydrateZinc Vitriol; $\text{ZnSO}_4\cdot 7\text{H}_2\text{O}$

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***REAGENT GRADE**

S25642	100 g	\$9.20
S25642A	500 g	\$23.75

HEALTH HAZARD

Zinc Sulfide

ZnS

F.W. 97.44

CAS: 1314-98-3

Color: Off-white

Solubility in Water: Insoluble

Shelf Life: 2 years

SOLID

S25643	500 g	\$17.50
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MODERATE HAZARD

Zinc, Granular

Zn

F.W. 65.38

CAS: 7440-66-6

Color: Gray

Solubility in Water: Reacts with water

Shelf Life: 5 years

REAGENT GRADE - 20 TO 30 MESH

S25633	500 g	\$47.75
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MODERATE HAZARD

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

PIECES (1 X 1.2 X 0.05CM)

S25644	100/Pk	\$25.25
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MODERATE HAZARD

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

REAGENT GRADE - SOLID

S25637	500 g	\$42.50
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FLAMMABLE

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

LAB GRADE

S25636B	500 g	\$29.75
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REAGENT GRADE

S25636	500 g	\$26.00
S25636A	2.5 kg	\$87.00

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

SHEET

S25638	12 x 12 in.	\$32.25
S25638A	6 x 12 in.	\$20.00

MODERATE HAZARD

Zinc, Shot

Zinc Dust; 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

REAGENT GRADE

S25639	100 g	\$16.75
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MODERATE HAZARD

Zinc, Strips

Zn

F.W. 65.38

CAS: 7440-20-0

Density: 7.14 g/cm³ at 20°C

Boiling Point: 908°C

Melting Point: 419°C

STRIPS

S25910	2 x 1/4 in.	\$16.25
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Printed and bound in the U.S.A. 23-920-1656
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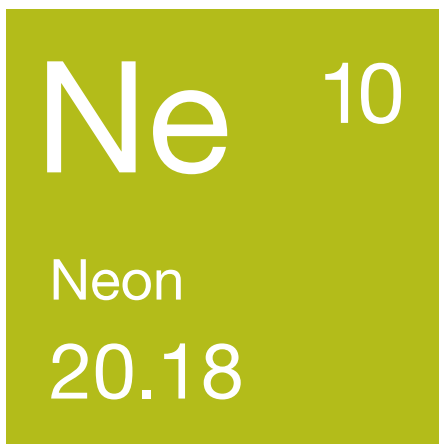
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