



**Largest  
Selection  
of  
Chemicals\* for  
Science  
Education**

# Ward's Science Chemical Start-Up Kit

Designed for New Schools

**We have all the chemicals you need!**






Learn more and shop at  
**wardsci.com**  
or call **800-962-2660**






**ward's  
science+**  
Exclusively Through VWR

\*Based on market use

Cat. No.	Description	Price
<b>470306-998</b>	<b>New School Chemical Start-Up Kit</b>	<b>Ea./\$1800.00</b>

# Chemical Start-Up List

Cat. No.	Description
470045-606	ACETIC ACID 17.4M 500ML
470300-060	ACETONE ACS 500ML
470300-090	AGAR Bacteriological Powder Laboratory 100G
470300-110	ALIZARIN YELLOW R Solution, 0.1% aqueous 100ML
470300-120	ALUMINUM CHLORIDE 6-Hydrate Laboratory 500G
470300-128	ALUMINUM Metal 8 Mesh Laboratory Granular 500G
470300-160	ALUMINUM SULFATE 18-Hydrate Laboratory 500G
470045-504	AMMONIUM CHLORIDE Reagent Granular 100G
470300-184	AMMONIUM CARBONATE Powder Laboratory 500G
470300-212	AMMONIUM HYDROXIDE ACS 14.8M 500ML
470300-238	AMMONIUM OXALATE Monohydrate Laboratory 100G
470300-244	AMMONIUM PERSULFATE Laboratory Crystals 500G
470300-260	AMMONIUM THIOCYANATE Laboratory 100G
470300-310	BARIIUM CHLORIDE Dihydrate Laboratory 100G
470300-322	BARIIUM CHLORIDE QuickPrep, Makes 250ML of 0.1M
470300-342	BARIIUM NITRATE Laboratory Crystals 100G (PP)
470300-364	BENEDICT'S QUALITATIVE Solution, 500ML
470300-402	BOILING Chips 500G
	 <small>WARNING: This product can expose you to chemicals including Respirable crystalline silica, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>.</small>
470300-458	BROMOTHYMOL BLUE Reagent 5G
470300-490	BUFFER Solution, pH 7 1L
470300-556	CALCIUM CHLORIDE Anhydrous Laboratory 4-20 MESH 500G
470300-590	CALCIUM HYDROXIDE Laboratory 500G
470300-616	CALCIUM NITRATE 4-Hydrate Reagent 100G
470300-638	CALCIUM SULFATE Dihydrate Powder 500G
470300-646	CALCIUM SULFATE Hemihydrate Laboratory 500G
	 <small>WARNING: This product can expose you to chemicals including Respirable crystalline silica, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>.</small>
470300-742	CITRIC ACID Monohydrate Laboratory 500G
470300-750	COBALT (II) CHLORIDE 6-Hydrate Laboratory 100G
470300-768	COBALT NITRATE 6-Hydrate Laboratory 100G
470300-790	CONGO RED Laboratory 10G
	 <small>WARNING: This product can expose you to chemicals including Benzidine-based dyes, which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>.</small>
470300-814	COPPER (II) CHLORIDE Dihydrate Crystals 100G
470300-834	COPPER (II) NITRATE Trihydrate Crystals Laboratory 100G
470300-856	COPPER (II) SULFATE 5-Hydrate Fine Crystals 500G
470300-906	COPPER METAL Foil .005 500G
470045-524	COPPER (II) SULFATE Anhydrous Powder 100G
470300-946	CRYSTAL VIOLET Powder Laboratory 10G
470300-954	CYCLOHEXANE Reagent 500ML
470300-966	DEIONIZED WATER 3.8L
470163-404	DIALYSIS TUBING 15.9MM X 25MM 10FT Roll
470300-984	DIMETHYLGLYOXIME Laboratory 25G
470301-064	ETHYL ALCOHOL 95% Denatured Laboratory 500ML
	 <small>WARNING: This product can expose you to chemicals including Methanol, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>.</small>
470301-174	GLYCERIN Reagent 500ML
470301-256	HYDROCHLORIC ACID ACS 12M 37% 2.5L
470301-276	HYDROGEN PEROXIDE 3% Reagent 500ML
470178-434	IMMERSION OIL Cleaner 15ML
470301-320	IODINE Solution, (Starch Test) Laboratory 500ML
470301-364	IRON (II) SULFATE 7-Hydrate Laboratory 100G
470301-378	IRON (III) CHLORIDE 6-Hydrate Laboratory Lump 100G
470301-400	IRON (III) NITRATE 9-Hydrate Crystals Laboratory 100G
470301-446	IRON METAL Powder Laboratory 500G
470301-456	ISOPROPYL ALCOHOL 70% Laboratory 500ML
470301-474	ISOPROPYL ALCOHOL 99% Laboratory 3.8L (SS)
470301-359	LEAD (II) NITRATE Reagent Crystal 100G
	 <small>WARNING: This product can expose you to chemicals including Lead and lead compounds, which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>.</small>

Cat. No.	Description
470045-526	MAGNESIUM CHLORIDE 6-Hydrate Crystal 100G
470301-415	MAGNESIUM METAL Ribbon Laboratory 25G
470301-664	MAGNESIUM NITRATE 6-Hydrate Flake Laboratory 500G
470301-676	MAGNESIUM OXIDE Light Powder L 100G
470045-528	MAGNESIUM SULFATE 7-Hydrate Crystal 500G
470301-712	MANGANESE (II) SULFATE Monohydrate 100G
470301-726	MANGANESE (IV) DIOXIDE Powder Reagent 500G
470301-471	METHYL ALCOHOL ACS Acetone Free Reagent 500ML
	 <small>WARNING: This product can expose you to chemicals including Methanol, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>.</small>
470301-786	METHYL ORANGE Reagent 25G
470301-794	METHYL RED Powder Laboratory 10G
470301-498	METHYLENE BLUE Laboratory Powder 25G
470301-505	MINERAL OIL Light Laboratory 500ML
470301-844	NEUTRAL RED 1G
470301-870	NIGROSIN Saturated Aqueous 100ML
470301-540	NITRIC ACID Reagent ACS 500ML (SS)
470301-549	OXALIC ACID Dihydrate Crystals Laboratory 500G
470301-930	p-DICHLOROBENZENE Laboratory 500G
	 <small>WARNING: This product can expose you to chemicals including p-Dichlorobenzene, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>.</small>
470301-974	PHENOL RED Reagent 5G
470301-998	PHENOLPHTHALEIN Laboratory 100G
	 <small>WARNING: This product can expose you to chemicals including Phenolphthalein, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>.</small>
470302-000	PHENOLPHTHALEIN Laboratory 25G
	 <small>WARNING: This product can expose you to chemicals including Phenolphthalein, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>.</small>
470302-024	PHOSPHORIC ACID ACS 500ML (SS)
470302-044	POTASSIUM ACID PHTHALATE Crystals Laboratory ACS 100G
470302-050	POTASSIUM BISULFATE Crystal Laboratory 500G
470302-060	POTASSIUM BROMIDE Laboratory 100G
470302-068	POTASSIUM CARBONATE Anhydrous Laboratory 500G
470302-086	POTASSIUM CHLORIDE Laboratory 100G
470302-114	POTASSIUM FERRICYANIDE Laboratory Crystal 100G
470302-122	POTASSIUM FERROCYANIDE Trihydrate Laboratory 100G
470301-140	POTASSIUM HYDROXIDE Pellet Laboratory 500G
470302-170	POTASSIUM IODIDE Laboratory 100G
470302-200	POTASSIUM NITRATE Crystal Laboratory 100G
470302-212	POTASSIUM PERMANGANATE Laboratory 100G
470045-536	POTASSIUM SULFATE Laboratory Granular 100G
470302-280	POTASSIUM THIOCYANATE Laboratory 100G
470302-326	SALICYLIC ACID Laboratory Crystal 100G
470302-340	SAND White Fine 2.5KG
	 <small>WARNING: This product can expose you to chemicals including Respirable crystalline silica, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>.</small>
470302-404	SILVER NITRATE Reagent ACS Crystal 25G
470302-430	SODIUM ACETATE Trihydrate Reagent 500G
470302-440	SODIUM BICARBONATE Laboratory 500G
470302-448	SODIUM BISULFITE Laboratory 500G
470302-452	SODIUM BORATE Laboratory 500G
470302-460	SODIUM BROMIDE Laboratory 100G
470302-476	SODIUM CARBONATE Anhydrous Laboratory 500G
470302-512	SODIUM CHLORIDE Laboratory Fine Crystals 2.5KG
470302-522	SODIUM CHLORIDE Reagent 500G
470302-552	SODIUM HYDROXIDE Pellet Laboratory 500G
470302-590	SODIUM HYPOCHLORITE 5% 500ML
470302-600	SODIUM IODIDE Laboratory 100G
470302-632	SODIUM NITRATE Crystals Reagent 100G
470302-652	SODIUM OXALATE Reagent 100G (PP)
470302-658	SODIUM PHOSPHATE Dibasic 7-Hydrate 500G
470302-664	SODIUM PHOSPHATE Monobasic Laboratory Anhydrous 500G

Cat. No.	Description	Cat. No.	Description
470302-664	SODIUM PHOSPHATE Monobasic Laboratory Anhydrous 500G	470302-828	SUDAN IV Solution, 0.5% Alcoholic 500ML
470302-668	SODIUM PHOSPHATE Tribasic Laboratory 500G	470302-872	SULFURIC ACID ACS Laboratory 18M 2.5L (SS) <small>⚠️ WARNING: This product can expose you to chemicals including Strong inorganic acid mists containing sulfuric acid, which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.</small>
470302-688	SODIUM SULFATE Anhydrous Crystal 500G	470302-988	UNIVERSAL INDICATOR Solution, 500ML <small>⚠️ WARNING: This product can expose you to chemicals including Methanol/Methyl isobutyl ketone and Phenolphthalein, which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.</small>
470302-706	SODIUM SULFIDE 9-Hydrate Reagent 100G	470303-082	ZINC Metal Foil 0.001" x 12" x 36" Laboratory 500G
470302-710	SODIUM SULFITE Anhydrous Laboratory 500G	470303-090	ZINC Metal Mossy Laboratory 500G
470302-716	SODIUM THIOCYANATE Laboratory 500G	470303-120	ZINC NITRATE 6-Hydrate Laboratory Crystals Flakes 500G
470302-720	SODIUM THIOSULFATE 5-Hydrate Laboratory 500G	470303-146	ZINC SULFATE Monohydrate Laboratory 500G
470302-796	STRONTIUM NITRATE Laboratory 100G		
470302-808	SUCROSE Laboratory 500G		
470302-820	SUDAN III Solution Alcoholic 100ML		

# Chemical Spill Clean Up

## Be prepared for spills in your lab!

### ACID Caustic and Solvent Spill Kit

**Be prepared for spills in your lab.**

- Personal Protective Equipment
- Diatomaceous Earth
- Vermiculite
- Dustpan and Brush Set
- Storage Container for Safe Disposal

Splash-resistant goggles protect while kits for caustic and acid spills clean up to one liter of four solvents. A storage container allows for safe disposal after cleaning.

This kit contains enough material to clean up a liter of four solvents in the lab. It is complete with instruction sheets and SDS. The kit contains diatomaceous earth, an acid spill clean-up kit, a caustic clean-up kit, vermiculite, splash-resistant goggles, nitrile gloves, a dustpan and brush set, and a spill kit storage container. Replacement materials are available separately for you to simply restock your kit after a spill.

⚠️ WARNING: This product can expose you to chemicals including Respirable crystalline silica (Diatomaceous Earth), which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.



Cat. No.	Description	Price
470146-402	Acid, Caustic and Solvent, Spill Ki	Ea./ \$125.00

### Caustic Spill Clean Up Kit

**Safe and Easy Clean-Up.**

- Handy compact design
- Contains everything to safely contain the spill

Safely respond to accidental caustic spills in your chemistry lab with this complete, ready-to-use kit. Includes one bag of Vermiculite absorbent, one bag of neutralizing mixture, two 9" x 16" polybags, two blank shipping tags, two vinyl exam gloves, twist ties, and a dust pan and brush set. A detailed instruction sheet/SDS is provided.



Cat. No.	Description	Price
470127-674	Caustic Spill Clean Up Kit	Ea./ \$56.95

### Acid Spill Clean Up Kit

**Ready to Use for Quick Response.**

- Handy compact design
- Contains everything to safely contain the spill

Spills are inevitable in almost every chemistry lab. Be prepared for potentially dangerous acid spills with this complete kit that includes everything you need for safe cleanup and disposal. Includes one bag of Vermiculite absorbent, one bag of neutralizing mixture, two vinyl exam gloves, two 9" x 16" polybags, two blank shipping tags, twist ties, and a dust pan and brush set. A detailed instruction sheet/SDS is provided.



⚠️ WARNING: This product can expose you to chemicals including Respirable crystalline silica, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Cat. No.	Description	Price
470127-676	Acid Spill Clean Up Kit	Ea./ \$56.95

For more information visit us online at [wardsci.com/chemicals](http://wardsci.com/chemicals)


# Do You Know Where Your Chemicals are Stored?

## Safest and Easiest Online Chemical Inventory and Storage System

**Ward's Chemical Inventory Management System** has just five easy categories of storage to help you simplify your chemical storage system and reduce risk of error. **Learn more and download at [wardsci.com/chemicals](http://wardsci.com/chemicals).**

- Available with Any Web Browser
- Chemical Inventory Accessible During Emergencies
- Traceable by Building, Room, and Cabinet Location
- Compatible with Ward's Color-Coded Chemical Storage System
- SDS, Storage Codes, and More

Our Chemical Inventory Management System (CIMS) allows customers to log into their home page and set up a database that tracks inventory at different locations such as buildings, classrooms, and even cabinets. Users can add, modify, or delete chemical-inventory items and view information about each chemical. This data is accessible and printable from any computer with a web browser.


Chemical Inventory Management System

powered by  
**ALDON**

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Existing Users:

Username:

Password:

[Forgot Password?](#)

For more information regarding Ward's chemicals:

- [www.wardsci.com/chemicals](http://www.wardsci.com/chemicals)
- [sciencehelp@wvr.com](mailto:sciencehelp@wvr.com)

For more information regarding Ward's Chemical Inventory Management System, please contact:

- [info@aldon-chem.com](mailto:info@aldon-chem.com)
- 1-800-724-9877

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Inventory									
Ammonium Chloride									
<a href="#">Print Inventory</a>									
Location	Date Received	Amount Stored	CAS #	Storage Code	UN#	Formula	Formula Wgt. (g/mole)	SDS	Delete
Cabinet 1, Room 205, Building 110	08/15/2014	100 g <input type="text"/>	12125-02-9	Green		NH <sub>4</sub> Cl	53.491		
Cabinet 1, Room 35, Building 110	08/15/2014	100 g <input type="text"/>	12125-02-9	Green		NH <sub>4</sub> Cl	53.491		
Cabinet 4, Room 303, Building 201	11/30/2014	200 g <input type="text"/>	12125-02-9	Green		NH <sub>4</sub> Cl	53.491		
		<input type="button" value="Submit Changes"/> <input type="button" value="Reset"/>							

Inventory									
Building 110, Room 206, Acid									
<a href="#">Add Inventory</a>									
<a href="#">Print Inventory</a>									
Chemical Name	Date Received	Amount Stored	CAS #	Storage Code	UN#	Formula	Formula Wgt. (g/mole)	SDS	Delete
Acetic Acid 6M/6N soln	08/15/2014	500 ml <input type="text"/>	Mixture	White	UN2790	Mixture			
Sulfuric Acid 5M/10N Aq soln	08/15/2014	100 ml <input type="text"/>	Mixture	White	UN2796	Mixture			
Hydrochloric Acid 36-38% Concentrate ACS 12M	11/30/2014	50 ml <input type="text"/>	7647-01-0	White	UN1789	HCl	36.461		
		<input type="button" value="Submit Changes"/> <input type="button" value="Reset"/>							

Cat. No.	Description	License Type	No. of Users	Price
<b>470103-736</b>	Chemical Inventory Management System, Single User	1 Year	1	Ea./ <b>\$51.25</b>
<b>470162-900</b>	Chemical Inventory Management System, District Users	1 Year	20	Ea./ <b>\$199.95</b>

