

OpenSciEd Unit 7.1

Chemical Reactions and Matter

KIT # 470350-060



Included Items

Alligator cord	8	
Baking soda	908	g
Bath bomb	5	
Battery, 9V	9	
Beaker 500-600 mL, Pyrex	3	
Calcium carbonate powder	100	g
Candle, tealight	8	
Citric acid	7.5	oz
Coconut oil, unrefined	14	oz
Coffee stirrer, wood	40	
Condiment cup, plastic, 2 oz	250	
Corn starch	16	oz
Cotton ball	200	
Cup, plastic, clear, 3 oz. (3.5 oz)	100	
Cups, plastic, clear, 5 oz. (6.75 oz)	10	
Electrode replacement (Electrolysis Apparatus)	4	
Erlenmeyer flask, glass, 250 mL	2	
Eyedropper, glass	2	
Freezer bag, quart size, double zipper closure	20	
Glycerine	150	ml
Graduated cylinder, 100 mL	6	
Hot mitt	2	
Hot plate	1	
Ice cube tray, mini	4	
Ice cube tray, standard	10	
Index card, 3x5"	200	
Lavender essential oil, 10 mL	10	ml
Lemon essential oil, 10 mL (extract)	30	ml
Lemonade mix, sugar-based	19	oz
Lemonade mix, sugar-free	19	pkt
Magnesium sulfate (Epsom salt)	1	lb

Magnets, ceramic disc	28	
Magnifier, small, plastic (hand lens)	36	
Malic acid	25	g
Menthol	40	g
Olive oil	60	ml
Pan, aluminum (bread pan liner)	8	
Paper plate	50	
Pipette, disposable plastic, 3 mL (.5 mL)	200	
Rubbing alcohol	250	ml
Salt (table salt)	737	g
Spice jar, w/lid and sifter	24	
Spoon, plastic	168	
Sticky note, 3 x 3	10	pads
Sticky note, 3 x 5	1	pad
Stopper, #6, rubber w/ hole (also called "#6 cork with hole")	2	
Stopper, #6, rubber w/o hole (also called "#6 cork with no hole")	2	
Sugar	566	g
Support (ring) stand	1	
Tape	1	roll
Test tube clamp (burette clamp), 1 3/4"	2	
Test tube tongs, metal	1	
Test tube, 150 mm, #4 stopper no hole	6	
Test tube, plastic, 15 mL, 1.5 cm diameter	10	
Thermometer	8	
Toothpick	1	bx
Tub, plastic, clear, 6 qt	10	
Tubing, latex rubber 1/4" ID, 3 ft.	3	ft
Vanilla essential oil, 10 mL	10	ml
Wax paper	1	roll

Sold Separately	Suggested Quantities	Available at wardsci.com Part #
Digital scale	9	470350-092
Safety goggles	32	470016-082

Locally Sourced Items	Suggested Quantities	Available at wardsci.com Part #
Balloon, helium-filled Mylar	1	
Bowl, large, clear	1	470229-572
Chart paper	1 roll	470149-698
Glue stick	8	470149-726
Highlighters, various colors	32 ea of 3 colors	470152-048, 470338-504, 470156-510
Markers, black, permanent	8	470152-038
Markers, colored	1 set	470338-508
Matches, wooden, long	2 bx	
Paper towel	1 roll	470174-714
Sandpaper, coarse	1 sheet	470331-130
Scissors	1	470101-894
Soda bottle, empty, 16.9 or 20 oz. with cap	6	470041-004
Water, distilled	2 gal	