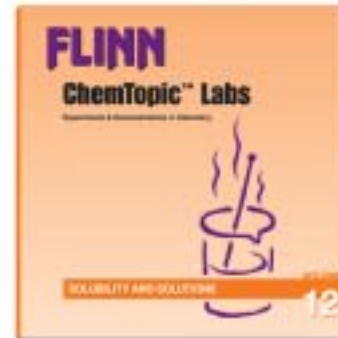


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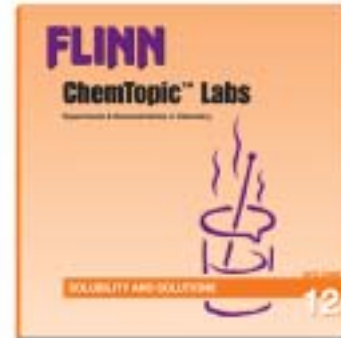
Materials listed below are recommended
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Experiments and Demonstrations

Chemicals	Flinn Scientific Catalog No.	Factors Affecting Solution Formation	It's in Their Nature	Solubility and Temperature	Preparing and Diluting Solutions	Freezing Point Depression	Alpha Chemical Sunset	Solutions, Colloids, and Suspensions	Alka-Seltzer and Gas Solubility	Sorting Out Solutions	Instant Hand Warmers
Alka-Seltzer® tablets	A0111							1			
Aluminum chloride, hexahydrate	A0026				210 g						
Ammonium hydroxide solution, 6 M	A0192						1 mL				
Benzoic acid	B0197	8 g									
Bromthymol blue indicator solution, 0.04% aqueous	B0173							10 mL			
Calcium chloride, dihydrate	C0015				210 g						
Cholesterol	C0179	8 g									
Cupric sulfate, pentahydrate, fine crystal	C0102	30 g		50 g							
Cupric sulfate, pentahydrate, medium crystal	C0105	3 g									
Cupric sulfate solution, 0.1 M	C0247						100 mL				
Dextrose	D0005	8 g									
Ethyl alcohol, anhydrous	E0007	225 mL									
Ethyl alcohol, 95%	E0009								150 mL		
Food coloring, dye set	V0003								optional		
Glycerin	G0019								50 mL		
Hexanes	H0046	255 mL									
Hydrochloric acid solution, 1 M	H0013					8 mL	25 mL				
Iodine	I0006	8 g									
Iodine-Potassium iodide solution	I0038						12 mL				
Potassium carbonate	P0038								85 g		
Potassium nitrate	P0070	8 g	45 g								
Sodium acetate, trihydrate	S0037									160 g	
Sodium chloride	S0061				210 g					optional	
Sodium hydroxide solution, 1 M	S0148							5 mL			
Sodium thiosulfate, pentahydrate	S0114					2 g	20 g				
Starch, potato, soluble	S0122						1 g				
Starch solution, 0.5%	S0151						130 mL				
Sucrose	S0134				210 g						
Toluene	T0019	100 mL									

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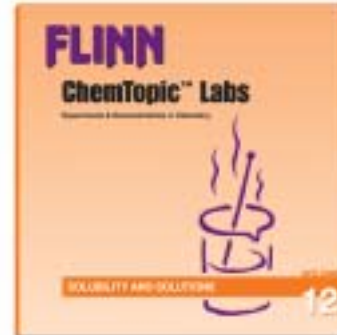
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Experiments and Demonstrations

	Flinn Scientific Catalog No.	Factors Affecting Solution Formation	It's in Their Nature	Solubility and Temperature	Preparing and Diluting Solutions	Freezing Point Depression	Alpha Chemical Sunset	Solutions, Colloids, and Suspensions	Alka-Seltzer and Gas Solubility	Sorting Out Solutions	Instant Hand Warmers
Glassware											
Beakers											
50-mL	GP1005			7							
100-mL	GP1010	10									
250-mL	GP1020			7	15	60		3			
600-mL	GP1030							2		1	1
Erlenmeyer flasks											
125-mL	GP3040							6			
500-mL	GP3050										1
Funnel, short stem, fluted	GP5055							3			
Graduated cylinders											
10-mL	GP2005		15	15				1			
25-mL	GP2010	15				15	1	1			
100-mL	GP2020										1
Petri dish	GP3019							1			1
Stirring rod	GP5075	15		15	15			1			1
Test tubes											
13 × 100 mm	GP6063		90	45							
16 × 125 mm	GP6065				60						
20 × 150 mm	GP6068	45									
25 × 150 mm	GP6035							3			
Volumetric flasks with caps, 100-mL	GP4030				5					1	
General Equipment and Miscellaneous											
Balance, centigram (0.01-g precision)	OB2059	3		3	3	3			1		1
Bottles, plastic with cap	AP8962				15						
Colorimeter	TC1504				15						
Cuvettes	AP9149				75						
Dialysis tubing, 25 mm	AP4351							1			
Dialysis tubing clamps	FB1232							2			
Filter paper, qualitative, 15 cm	AP3105							3			
Funnel	AP3200				15						
Funnel support clamp	AP8222							1			
Gloves, heat-resistant	SE1031			7							1

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Experiments and Demonstrations

	Flinn Scientific Catalog No.	Factors Affecting Solution Formation	It's in Their Nature	Solubility and Temperature	Preparing and Diluting Solutions	Freezing Point Depression	Aloha Chemical Sunset	Solutions, Colloids, and Suspensions	Alka-Seltzer and Gas Solubility	Sorting Out Solutions	Instant Hand Warmers
General Equipment and Miscellaneous, cont'd.											
The Heat Solution™ Instant Hand Warmer	AP1933										1
Hot plate	AP4674	5		7			1		1		1
LabPro™ Interface System	TC1500				15						
Lens paper, book of 50 sheets	AP1141				1						
LoggerPro™ Software	TC1421				1						
Magnetic stirrer	AP6067									1	
Mortar and pestle	AP6066	5									
Pipets, Beral-type, graduated	AP1721		60	15	75			3			
Pipets, Beral-type, thin stem	AP1718								2		
Rubber stopper, size 2	AP2224	45									
Rubber stopper, size 5	AP2227							3			
Scissors, student	AP5394						1				
Spatula	AP8338	15	15	15	15						
Stir bar	AP5396									1	
Support stand	AP8226							1			
Test tube clamp	AP8217	15		15							
Test tube rack	AP1319	15	15		15				1		
Thermometer, digital	AP6049	15		15		15			1		1
Timer	AP8874	15									
Tongs, utility	AP1359										1
Tongue depressors	AP4412					30					
Wash bottle	AP1668		15		15						
Water, distilled or deionized	W0007, W0001	✓	✓	✓	✓	✓		✓		✓	✓
Wax pencil —or— Labeling tape	AP8291 AP1367			15	15						
Weighing paper —or— Weighing dishes	AP1121 AP1278	75		15					2		