

CHEMICALS NOT RECOMMENDED FOR USE IN SCHOOLS

Substance	Potential Hazard	Flinn Storage Location	Baker Color Codes	Special Storage Consideration
1,4-Dioxane (p-Dioxane)	Probable Carcinogens	Organic #4	Red	2
1,4-Dioxane	Probable Carcinogens	Organic #4	Red	3
Acrylonitrile	Probable Carcinogens	Organic #2	Red	
Adrenaline	Highly Toxic	Organic #2	Orange	4
Ammonium Dichromate	Probable Carcinogens	Inorganic #8	Yellow	4
Aniline (or any of its salts)	Carcinogens	Organic #2	Red	2
Arsenic Pentoxide	Known Carcinogens	Inorganic #10	Blue	2, 4
Arsenic Powder	Known Carcinogens	Inorganic #10	Blue	2, 4
Arsenic Trichloride	Known Carcinogens			
Arsenic Trioxide	Known Carcinogens	Inorganic #7	Blue	2, 4
Asbestos	Known Carcinogens	Inorganic #4	Blue	
Barium Hydroxide	Highly Toxic	Inorganic #4	Blue	1
Benzene	Known Carcinogens	Organic #3	Red Stripe	3
Benzidine	Known Carcinogens	Organic #2	Blue	
Benzoyl Peroxide	Explosives	Organic #6	Yellow Stripe	5
Butanol (n-Butyl Alcohol)	Explosives	Organic #2	Red	
Cadmium Acetate	Known Carcinogens	Inorganic #2	Blue	1, 5
Cadmium Nitrate	Known Carcinogens	Inorganic #3	Yellow Stripe	1
Calcium Arsenate	Known Carcinogens	Inorganic #2	Orange	
Calcium Chromate	Known Carcinogens	Inorganic #2		
Calcium Metal	Explosives with Water	Inorganic #1	Red	2
Carbon Disulfide	Explosives	Inorganic #5	Red	3
Carbon Tetrachloride	Probable Carcinogens	Organic #4	Blue	
Chlorine	Highly Toxic	Bottled Gas	Yellow	2
Chloroform	Probable Carcinogens	Organic #4	Blue	5
Chromium (VI) Oxide	Known Carcinogens/Highly Toxic	Inorganic #4	Blue	2
Chromium Powder	Known Carcinogens	Inorganic #1	Blue	
Colchicine	Highly Toxic	Organic #8	Blue	2, 4
Colchicine	Animal Carcinogens	Organic #4	Red	
Dichromate	Known Carcinogens	Inorganic #8	Yellow	4
Diisopropyl Ether	Explosives	Organic #4	Red	3
Ethyl Ether	Explosives	Organic #4	Red	3
Ethylene Oxide	Highly Flammable/Probable Carcinogens	Organic #5	Red	3
Formaldehyde	Probable Carcinogens	Organic #3	Red	
Lead Arsenate	Known Carcinogens	Inorganic #7	Blue	
Lead Chromate	Know Carcinogens	Inorganic #8		1
Mercuric Chloride	Highly Toxic	Inorganic #2	Blue	1, 4
Mercuric Iodide	Highly Toxic	Inorganic #2	Blue	1, 4
Mercuric Nitrate	Highly Toxic	Inorganic #3	Yellow Stripe	1, 4

1 - Chem-Safe Bag, 2 - Chem-Safe Bag inside Chem-Safe Can,
 3 - Store in Chem-Safe Can or Flammable Cabinet, 4 - Store in Poison Cabinet,
 5 - Chem-Safe Can

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Substance	Potential Hazard	Flinn Storage Location	Baker Color Codes	Special Storage Consideration
Mercuric Oxide, Red	Highly Toxic	Inorganic #4	Blue	1, 4
Mercuric Oxide, Yellow	Highly Toxic	Inorganic #4	Blue	1, 4
Mercuric Sulfate	Highly Toxic	Inorganic #2	Blue	Moisture Sensitive
Mercurous Nitrate	Highly Toxic/Explosive if Heated	Inorganic #3	Yellow Stripe	4
Mercury	Highly Toxic	Inorganic #1	Blue	1
Mercury Thermometer	Highly Toxic	Inorganic #1	Blue	1
Nicotine	Highly Toxic	Organic #2	Blue	1, 4
Osmium Tetraoxide (Osmic Acid)	Highly Toxic	Inorganic #4	Blue	Refrigerate
o-Toluidine	Probable Carcinogens	Organic #2	Blue	
Perchloric Acid	Explosives	Inorganic #6		Acid Cabinet or 5
Phosphorus (White)	Highly Toxic	Inorganic #10	Red Stripe	3, Store under Water
Phosphorus Pentoxide	Highly Toxic	Inorganic #10	Red Stripe	2
Picric Acid	Explosives	Organic #8	Red	
Potassium Chromate	Explosives/Known Carcinogens	Inorganic #6	Yellow	1, 4
Potassium Cyanide	Highly Toxic	Inorganic #7	White Stripe	1, 4
Potassium Metal	Explosives	Inorganic #1	Red Stripe	3, Store under Oil
Potassium Periodate	Highly Toxic	Inorganic #6	Yellow	
Silver Cyanide	Highly Toxic	Inorganic #7	Blue	
Sodium Arsenate	Known Carcinogens	Inorganic #7	Blue	1, 4
Sodium Arsenite	Known Carcinogens	Inorganic #7	Blue	1, 4
Sodium Cyanide	Highly Toxic	Inorganic #7	Blue	1, 4
Thioacetamide	Probable Carcinogens	Organic #2	Blue	
Toluene	Probable Carcinogens	Inorganic #3	Red	3

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