Table 2
Organization of Storage Categories in the Science Department

Chemicals should be stored according to hazard class and chemical compatibility, not in alphabetical order! Check the* MSDS *sheet for chemical incompatibilities.

The following Chemical Storage Pattern is recommended by Flinn Scientific, Inc. The numbers are specific to their products, and other suppliers may not use these reference numbers. The storage categories are still applicable, and are in order of the chart from top shelf to bottom shelf:

Organic

# 2	Alcohols, Glycols, Amines, Amides, Imines, Inides	# 8	Phenol, Cresols
# 3	Hydrocarbons, Esters, Aldehydes	# 6	Peroxides, Azides, Hydroperoxides
# 4	Ethers, Ketones, Ketenes, Halogenated Hydrocarbons, Ethylene Oxide	# 1	Acids, Anhydrides, Peracids (Store in an Acid Cabinet)
# 5	Epoxy Compounds, Isocyanates		Miscellaneous
# 7	Sulfides, Polysulfides, etc.		Miscellaneous

Inorganic Acids

# 9	Acids -except Nitric (Store in an Acid Cabinet)		Nitric Acid (Store in a separate acid cabinet)

Inorganic

# 10	Sulfur, Phosphorus, Arsenic, Phosphorus Pentoxide	# 7	Arsenates, Cyanides, Cyanates (store away from water)
# 2	Halides, Sulfates, Sulfites, Thosulfates, Phosphates, Halogens, Acetates	# 5	Sulfides, Selenides, Phosphides, Carbides, Nitrides
# 3	Amides, Nitrates (not Ammonium Nitrate), Nitrites, Azides	# 8	Borate, Chlorates, Manganates, Permanganates
# 1	Metals and Hydrides (store away from water)	# 6	Chlorates, Perchlorates, Chlorites, Perchloric Acid, Peroxides, Hypochorites, Hydrogen Peroxide
# 4	Hydroxides, Oxides, Silicates, Carbonates, Carbon		Miscellaneous