


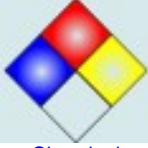

	<p align="center">Hazardous Materials Awareness Week February 14-20, 2010</p> <p align="center">South Florida Local Emergency Planning Committee</p>	
Safety in School Chemistry Labs		

Serious injuries can happen in chemistry labs. For that reason, students need to be informed of the correct way to act and things to do and don't do in the lab. This brochure provides useful general safety information suitable for all educational levels.

Common Science Lab Safety Signs			Safety Do's and Don'ts for Students:	
 First Aid	 Toxic	 Eyewash	Safety Do's and Don'ts for Students: <ul style="list-style-type: none"> • Never work in the lab without the supervision of a teacher • Always wear protective clothing • Don't taste or sniff any chemicals • Read the chemical safety information found in the Material Safety Data Sheets (MSDS) • Don't casually dispose of any substances down the drain • Place chemical waste in appropriately labeled waste containers • Always perform experiments precisely as directed by the teacher • Play close attention to your instructions when mixing chemicals • Hold containers away from the body when transferring chemicals from one container to another • Know what to do in the event of an emergency • Know the location of all exits • Check labels to verify substances before using them • Always label your containers clearly • Clean up all spills properly • Make certain no flammable substances are in the area when lighting a flame • Inspect all equipment for damage prior to use and do not use damaged equipment • Synthetic fingernails are not recommended in the lab, they are made of extremely flammable polymers which can burn to completion and are not easily extinguished <p>Source: http://www.cdc.gov</p>	
 Flammable	 Eye Protection	 Corrosive		
 Flammable Gas	 Gloves Required	 Chemical Hazard		
 Electric Hazard	 Protective Clothes	 Laser Warning		
 Fire Extinguisher	 Protective Eyewear	 No Open Flames		
 Escape Route	 Biohazard	 Defibrillator		

Source: <http://chemistry.about.com>



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Sample Student Safety Agreement

I agree to:

- Follow all instructions given by the instructor
- Protect eyes, face, hands and body during laboratory activities
- Carry out good housekeeping practices
- Know where to get help fast
- Know the location and use of first aid and firefighting equipment
- Conduct myself in a responsible and thoughtful manner at all times in the laboratory

This is to certify that I, _____ (print student's name here) _____ have received safety instructions for my Chemistry Class and have read and agreed to follow all of the required safety rules. I realize that I must obey these rules to insure my own safety and that of others in the lab with me. I will maintain a safe environment and closely follow the oral and written instructions provided by the instructor. I am aware that any violation of this safety agreement that results in unsafe conduct or misbehavior on my part may result in my removal from the lab, detention and/or dismissal from the course.

Student Signature: _____ Date: _____

Questions for Student

- Do you wear contact lenses? ☐ Yes ☐ No
Are you color blind? ☐ Yes ☐ No
Do you have allergies? ☐ Yes ☐ No If so, list specific allergies.

Source: <http://www.smes.org>

Additional Information and Resources

- State Emergency Response Commission (SERC)
(<http://www.floridadisaster.org/cps/serc/news.htm>)
- Reducing Risks to Students and Educators from Hazardous Chemicals in a Secondary School Chemical Inventory
(<http://membership.acs.org/c/ccs/pubs/ReducingRisks.pdf> - 12 pages)
- Recommendations for Shared Goggle Cleaning – American Chemical Society
(<http://membership.acs.org/c/ccs/pubs/GoggleCleaning.pdf> - 1 page)
- CAMEO Chemicals – U.S. EPA Database of Hazardous Materials
(<http://cameochemicals.noaa.gov>)
- National Institute for Occupational Safety and Health (NIOSH)
(<http://www.cdc.gov/niosh/>)
- NIOSH Safety Checklist Program for Schools
(<http://www.cdc.gov/niosh/docs/2004-101/>)