

Appendix

Table 74.
RESOURCES

Science Supply Houses	Professional Associations / Organizations
AirClean® Systems Ductless Hoods www.aircleansystems.com 919-255-3220 800-849-0472	AAPCC American Association of Poison Control Centers 800-222-1222 www.aapcc.org
Carolina Biological Supply Co. 2700 York Rd. Burlington, NC 27215-3398 800-334-5551 www.carolina.com	ACS American Chemical Society www.acs.org
Fisher Science Education 800-955-1177 www.thermofisher.com	CSSS Council of State Science Supervisors www.csss-science.org
Frey Scientific 100 Paragon Parkway Mansfield, OH 419-589-1900 www.freyscientific.com	ICASE International Council of Associations for Science Education www.icaso.org
Flinn Scientific, Inc. Batavia, IL 60510 www.flinnsci.com 800-452-1261	MIT MIT Green Chemicals Purchasing System web.mit.edu/ENVIRONMENT/academic/purchasing.html
Lab Safety Supply® Janesville, WI 53547-1368 800-356-0783 www.labsafety.com	NCSLA North Carolina Science Leadership Association www.ncsla.net
	NCSTA North Carolina Science Teachers Association www.ncsta.org
	Safety & Health Council of North Carolina www.safetync.com
	NFPA National Fire Protection Association www.nfpa.org
	NSC National Safety Council www.nsc.org
	NSELA National Science Education Leadership Association www.nsela.org
	NRC National Research Council www.nationalacademies.org
	NSTA National Science Teachers Association www.nsta.org

Table 74. (cont'd)
RESOURCES

Government Agencies	Publications
CDC Centers for Disease Control and Prevention www.cdc.gov	American Chemical Society www.acs.org <ul style="list-style-type: none"> • <i>Handbook of Chemical Health and Safety</i>, Robert J. Alaimo, Editor • <i>Safety in the Elementary (K-6) Science Classroom, Second Edition</i>, Committee on Chemical Safety • <i>Safety Audit / Inspection Manual</i> • <i>Chemical Safety for Teachers and Their Supervisors Grades 7-12</i> • <i>Safety in Academic Chemistry Laboratories, 7th Edition, Volume 1: Accident Prevention for College and University Students</i>
Connecticut State Department of Education in High School Science Safety www.sde.ct.gov/sde/lib/sde/pdf/curriculum/science/safety/science-safety.pdf	CRC Press www.crcpress.com <ul style="list-style-type: none"> • <i>CRC Handbook of Laboratory Safety, Fifth Edition</i>, Furr, A. Keith • <i>Chemical Safety in the Laboratory</i>, Hall, Stephen K.
CPSC Consumer Product Safety Commission www.cpsc.gov	Council of State Science Supervisors www.csss-science.org <i>Science and Safety, Making the Connection - A Secondary Safety Guide</i>
EPA Environmental Protection Agency www.epa.gov	EPA www.epa.gov <ul style="list-style-type: none"> • <i>Chemical Management Resource Guide for School Administrators</i>. EPA December 2006 EPA 747-R-06-002 Office of Pollution Prevention and Toxics. Washington, DC 20460 • EPA Guide: Little Known But Allowable Ways to Deal with Hazardous Waste www.epa.gov/sbo/pdfs/hazwaste_500.pdf
NIH National Institutes of Health www.nih.gov	Fisher Scientific www.thermofisher.com <i>Safety in High School and College Laboratories</i>
NIEHS The National Institute of Environmental Health Sciences www.niehs.nih.gov	Flinn Scientific www.flinnsci.com <ul style="list-style-type: none"> • <i>Flinn Chemical & Biological Catalog Reference Manual 2005</i> • <i>Flinn Catalog / Reference Manual for Middle School Science Teachers</i> • <i>Chemical Hygiene Plan</i> • <i>Student Safety Contracts</i> (Teachers can request one copy free) • <i>Science Classroom Safety and the Law</i>. Ryan, Kelly
NIOSH The National Institute for Occupational Safety and Health www.cdc.gov/niosh	
NTP National Toxicology Program http://ntp-server.niehs.nih.gov	
NCDOL North Carolina Department of Labor, OSH Division www.nclabor.com	
NOAA National Oceanic & Atmospheric Administration http://response.restoration.noaa.gov http://cameochemicals.noaa.gov (chemical database and reactivity tool)	
OSHA Occupational Safety and Health Administration www.osha.gov	
USDOT US Department of Transportation www.dot.gov	

Publications (cont'd)	Publications (cont'd)
<p>Laboratory Safety Institute 192 Worcester Road Natick, MA 01760 1 800 647 1977 www.labsafety.org Numerous publications</p>	<p>Science & Safety Consulting Services www.sciencesafetyconsulting.com</p> <ul style="list-style-type: none"> • <i>Chemical Management System CD, Second Edition.</i> Stroud, Linda M. and Fred L. Beyer, Jr. • <i>Eye Protection Options Poster</i> • <i>Implementation of a Science Laboratory Safety Program in North Carolina Schools. J. Chem. Health & Safety (2007), Vol. 14, No. 3. May/June 2007, 20-30.</i> Stroud, Linda M., Clara Stallings, and Todd J. Korbusieski • <i>MSDS (SDS) Activity for Chemicals Poster, Linda M. Stroud, Ph.D.</i>
<p>Lab Safety Supply www.labsafety.com</p> <ul style="list-style-type: none"> • <i>E-Z Facts®</i> • <i>Saf-T-News</i> 	<p>US Department of Transportation www.dot.gov <i>2000 Emergency Response Guidebook</i> Research and Special Programs Administration</p>
<p>National Research Council www.nap.edu <i>Prudent Practices in the Laboratory: Handling and Disposal of Chemicals</i></p>	
<p>National Science Teachers Association (NSTA) www.nsta.org</p> <ul style="list-style-type: none"> • <i>Exploring Safely A Guide for Elementary Teachers,</i> Kwan, Terry & Juliana Texley • <i>Inquiring Safely A Guide for Middle School Teachers,</i> Kwan, Terry & Juliana Texley • <i>Investigating Safely A Guide for High School Teachers,</i> Kwan, Terry; Juliana Texley & John Summers • <i>Science Safety in the Community College</i> Summers, John & Texley, Juliana & Kwan, Terry • <i>The NSTA Ready-Reference Guide To Safer Science</i> Roy, Kenneth Russell 	
<p>NC Department of Labor www.nclabor.com</p> <ul style="list-style-type: none"> • <i>A Guide to School Safety and Health,</i> Davis, Bobby R. • <i>North Carolina Occupational Safety and Health Standards for General Industry</i> 	
<p>NIOSH www.cdc.gov/niosh</p> <ul style="list-style-type: none"> • <i>NIOSH Safety Checklist Program for Schools (CD)</i> • <i>School Chemistry Laboratory Safety Guide,</i> November 2006. Publication No. 2007-117. 	
<p>OSHA www.osha.gov</p> <ul style="list-style-type: none"> • 29 CFR 1910.1450 Laboratory Standard • 29 CFR 1910.1200 Hazard Communication Standard 	
<p>Purdue University Purdue University of Consumer & Family Sciences, OPW Fueling Components, Fowler Associates Inc. Catlow Inc., and Husky Corporation. 1-800-422-2525 www.ces.purdue.edu/cfs <i>Do's and Don'ts at the Gas Pump</i></p>	

Table 74. (cont'd)
RESOURCES

<p>Web Resources—Material Safety Data Sheets (MSDSs) for Chemicals</p> <p>Use search function at these sites: www.aldonchem.com www.carolina.com www.cdc.gov/niosh www.cornell.edu www.fishersci.com www.flinnsci.com www.flinnsci.com/resources www.thermofisher.com www.hazard.com www.osha.gov www.siri.uvm.edu (kitchen chemicals)</p> <p>Google the name of the chemical plus MSDS (e.g., sodium chloride MSDS)</p>	<p>Web Resources—General</p> <p>California State University, Northridge www.csun.edu/science/ref/laboratory/safety/safety.html</p> <p>CAMEO Chemicals www.cameochemicals.noaa.gov</p> <ul style="list-style-type: none"> • <i>Chemical Database</i> with response recommendations for over 6,000 chemicals • <i>Critical Response Information</i> • <i>Chemical Reactivity</i> predicts what hazards could arise if chemicals were to mix. <p>Carolina Biological Supply Co. www.carolina.com</p> <p>Chem Info Net www.cheminfonet.org</p> <p>Cole-Palmer www.coleparmer.com/techinfo/chemcomp.asp Chemical Resistance Database</p> <p>Connecticut State Department of Education www.sde.ct.gov/sde/lib/sde/pdf/curriculum/science/safety/science-safety.pdf High School Science Safety, Prudent Practices and Regulations</p> <p>Council of State Science Supervisors www.csss-science.org Click on “Resources” and then click on “Science Safety” to download pdfs on Science and Safety</p> <p>Flinn Scientific www.flinnsci.com</p> <ul style="list-style-type: none"> • Safety: Safe Science Series and MSDSs • Student Safety Contracts for Middle and Secondary students • Science Safety Tests for Middle and Secondary students <p>Fisher Science Education www.fishersci.com</p> <ul style="list-style-type: none"> • Think Green • Mercury Exchange Program <p>Howard Hughes Medical Institute www.hhmi.org Lab Safety</p> <p>JaKel, Inc www.netins/net/showcase/jakel</p> <p>National Science Education Leadership Association www.nsela.org Click on “Publications,” “Safe Science Series,” “Position Papers”</p>
<p>Web Resources—Chemical Substitutions</p> <p>Science & Safety Consulting Services www.sciencesafetyconsulting.com Substitution of a More Hazardous Chemical by a Less Hazardous Chemical List</p> <p>Cole-Parmer www.coleparmer.com/techinfo/chemcomp.asp Interactive Chemical Compatibility</p> <p>Green Chemicals Purchasing System web.mit.edu/ENVIRONMENT/academic/purchasing.html</p>	

Web Resources—General (cont'd)**National Science Teachers Association****www.nsta.org**

- Numerous NSTA position statements on safety, field trips, class size, etc.
- Animals: Responsible Use of Live Animals and Dissection in the Science Classroom
www.nsta.org/about/positions/animals.aspx
- Students with Disabilities
www.nsta.org/about/positions/disabilities.aspx
- Elementary School Science
www.nsta.org/about/positions/elementary.aspx
- Environmental Education
www.nsta.org/about/positions/environmental.aspx
- Gender Equity in Science Education
www.nsta.org/about/positions/genderequity.aspx
- Learning Conditions for High School Science
www.nsta.org/about/positions/highschool.aspx
- Informal Science Education
www.nsta.org/about/positions/informal.aspx
- Inquiry, Scientific
www.nsta.org/about/positions/inquiry.aspx
- The Integral Role of Laboratory Investigations in Science Instruction
www.nsta.org/about/positions/laboratory.aspx
- Liability of Science Educators for Laboratory Safety
www.nsta.org/about/positions/liability.aspx
- Science Education for Middle Level Students
www.nsta.org/about/positions/middlelevel.aspx
- Multicultural Science Education
www.nsta.org/about/positions/multicultural.aspx
- The National Science Education Standards
www.nsta.org/about/positions/standards.aspx
- Parent Involvement in Science Education
www.nsta.org/about/positions/parents.aspx
- Science Teacher Preparation
www.nsta.org/about/positions/preparation.aspx
- Safety and School Science Instruction
www.nsta.org/about/positions/safety.aspx

NIEHS**www.niehs.nih.gov/kids**

National Institute of Environmental Health Sciences
National Institute of Health (NIGH), Department
of Health & Human Services (DHHS)

Web Resources—General (cont'd)**NIOSH****www.cdc.gov/niosh/email-pubs.html**

NIOSH Publication 2007-107C School Chemistry
Laboratory Safety Guide CD

1 copy per order at: cdcinfo@cdc.gov or call 1800 232
4636 or order online. This CD contains much more than
the School Chemistry Laboratory Safety Guide and
additional safety resources that NIOSH published earlier.

NOAA**www.response.restoration.noaa.gov**

National Oceanic & Atmospheric Administration

Oklahoma State University

Online Safety Library

www.pp.okstate.edu/ehs/links/labchem.htm**Science & Safety Consulting Services****www.sciencesafetyconsulting.com**

Check "Links" and "Products" for downloads