

**GEORGIA STATE UNIVERSITY
SAFETY AND RISK MANAGEMENT
SUGGESTED INTERNET SOURCES FOR SAFETY INFORMATION**

Georgia State University, Department of Safety and Risk Management:
<http://www.gsu.edu/auxiliary/safety.html>

Right To Know <http://www.gsu.edu/auxiliary/38489.html>

Material Safety Data Sheets (MSDS) / Chemical Facts

National MSDS Repository: <http://www.msdssearch.com/>

MSDS HyperGlossary:
<http://www.ilpi.com/msds/ref/nfpa.html>

University of Akron: <http://ull.chemistry.uakron.edu/erd/>

Oxford University: <http://physchem.ox.ac.uk/MSDS/>

University of Vermont: <http://siri.org/>

JT Baker: <http://www.mallbaker.com/Americas/catalog/default.asp?searchfor=msds>

Sigma-Aldrich: <http://www.sigmaaldrich.com/safety-center.html>

VWR: <http://www.vwrsp.com/search/index.cgi?tmpl=msds>

MSDS Provider: <http://www.msdsprovider.com/Site/msdsprovider.nsf/about>

MSDS's for Infectious Substances: <http://www.phac-aspc.gc.ca/msds-ftss/>

International Chemical Safety Cards (ICSCS)-On Main Site, Several languages available
<http://www.cdc.gov/niosh/ipcs/icstart.html>
Search by chemicals, international English version.
<http://www.ilo.org/public/english/protection/safework/cis/products/icsc/dtash/index.htm>

New Jersey Right to Know Hazardous Substance Fact Sheets:
<http://web.doh.state.nj.us/rtkhsfs/indexfs.aspx?lan=english>

Agency for Toxic Substances and Disease Registry (ATSDR): ToxFAQs:
<http://www.atsdr.cdc.gov/toxfaq.html>

Chemical Abstract Service Number (CAS#) Registry:
<http://www.cas.org/expertise/cascontent/registry/index.html>

National Fire Protection Association (NFPA):
<http://www.nfpa.org>

Chemical Safety Information

NIOSH Pocket Guide to Chemical Hazards — Searchable ONLINE VERSION:
<http://www.cdc.gov/niosh/npg/npg.html>

The Pocket Guide includes the following:

1. Chemical Names, synonyms, trade names, conversion factors, CAS, RTECS, and DOT Numbers
2. NIOSH Recommended Exposure Limits (NIOSH RELs)
3. Occupational Safety and Health Administration (OSHA) Permissible Exposure Limits (PELs)
4. NIOSH Immediate Dangerous to Life and Health values (NIOSH IDLHs) (documentation for those values can be found elsewhere on this website)
5. A physical description of the agent with chemical and physical properties
6. Personal Protection and Sanitation Recommendations
7. Respirator Recommendations
8. Information on Health Hazards including route, symptoms, first aid and target organ information.

Occupational Health Guidelines for Chemical Hazards:
<http://www.cdc.gov/niosh/docs/81-123/>

The EXTension TOXicology NETwork: <http://extoxnet.orst.edu/ghindex.html>

TOXNET, National Library of Medicine, National Institutes of Health; www.toxnet.nlm.nih.gov

The Chemical Reactivity Worksheet is a free program you can use to find out about the reactivity of substances or mixtures of substances (reactivity is the tendency of substances to undergo chemical change).
<http://response.restoration.noaa.gov/chemaids/react.html>

The Occupational Health and Safety Administration (OSHA) Searchable Site For Safety Regulations (Including Laboratory Safety and Chemical Exposure Limits):
<http://www.osha.gov/>

Public Employee Hazardous Chemical Protection and Right to Know Act of 1988
<http://www.lexis-nexis.com/hottopics/gacode/>

This chapter of the Georgia Code (45-22-1) is known as the "Public Employee Hazardous Chemical Protection and Right to Know Act of 1988". This site contains the entire Law (You need to search the Code and the entire law is displayed at (45-22-2)).

Online Training

Right-To-Know Training (a Test of Knowledge and Documentation of Training):
<http://www.usg.edu/ehs/training/rtkbasic/>

Chemical Specific Training Program (a Test of Knowledge and Documentation of Training) Designed to provide safety guidelines for commonly used chemicals in the work place. <http://www.usg.edu/ehs/training/chemical/>

Hazardous Waste Awareness Training Program (a Test of Knowledge and Documentation of Training) Designed to educate employees on the importance and benefits of properly identifying, handling, and disposing of hazardous wastes.
<http://www.usg.edu/ehs/training/hazwaste/>

Introduction to Bloodborne Pathogens. Designed for those who have the potential to be exposed to blood or other potentially infectious material. It provides a basic understanding of bloodborne pathogens, common modes of transmission, and methods of preventing exposure.
<http://www.usg.edu/ehs/training/pathogens/>

The Virtual Labs Series produced by the Howard Hughes Medical Institute (HHMI) Bacterial ID Lab, Cardiology Lab, Immunology Lab, Neurophysiology Lab, Transgenic Fly Lab
<http://www.biointeractive.org/vlabs/index.html>

Back Safety
<http://www.gsu.edu/~wwwsaf/back/back.htm>

US Nuclear Regulatory Commission
<http://www.nrc.gov/>

This is searchable site contains extensive information about radioactive materials.

BioSafety Information

The American Biological Safety Association (ABSA)
(Includes information about Select Agent Registration, Bioterrorism, CDC's Interstate Shipment of Etiologic Agents; Select Agents) <http://www.absa.org/>

The 1, 2, 3's of Biosafety Levels By: Jonathan Y. Richmond, Ph.D.
Director, Office of Health and Safety, Centers for Disease Control and Prevention
Atlanta, GA 30333 <http://www.cdc.gov/od/ohs/symp5/jvrtxt.htm>

CDC's Online Biosafety in Microbiological and Biomedical Laboratories (BMBL) 5th Edition: <http://www.cdc.gov/od/ohs/biosfty/bmb15/bmb15toc.htm>

Centers for Disease Control and Prevention (CDC) <http://www.cdc.gov/>

Online Safety Library: (A virtual library of topics related to biosafety):
<http://ehs.okstate.edu/LINKS/biosaf.htm>

Bloodborne Pathogen Safety Information:

Occupational Health and Safety Administration Bloodborne Pathogen WebPage:
<http://www.osha.gov/SLTC/bloodborne/pathogens/index.html>

State of Georgia, Bloodborne Pathogens and Needlestick Prevention Law (OCG 31-12-13). <http://www.lexis-nexis.com/hottopics/gacode/>

Online Safety Library: Bloodborne Pathogens - Oklahoma State University
<http://www.ehs.okstate.edu/manuals/Bloodbrn.htm>

CDC/ATSDR Protocol for Handling Occupational Exposures to Human Immunodeficiency Virus (HIV) <http://aepo-xdv-www.epo.cdc.gov/wonder/prevquid/p0000085/p0000085.asp>

National Institute for Occupational Safety and Health (NIOSH)
<http://www.cdc.gov/niosh/database.html>

Public Health Service Guidelines for the Management of Health-Care Worker Exposures to HIV and Recommendations for Postexposure Prophylaxis
<http://aepo-xdv-www.epo.cdc.gov/wonder/prevquid/m0052722/m0052722.asp>

Updated U.S. Public Health Service Guidelines for the Management of Occupational Exposures to HBV, HCV, and HIV and Recommendations for Postexposure Prophylaxis
<http://www.cdc.gov/mmwr/preview/mmwrhtml/rr5011a1.htm>

Public Health Service Guidelines for the Management of Health-Care Worker Exposures to HIV and Recommendations for Postexposure Prophylaxis
<http://aepo-xdv-www.epo.cdc.gov/wonder/prevquid/m0052722/m0052722.asp>

CDC/ATSDR Protocol for Handling Occupational Exposures to Human Immunodeficiency Virus (HIV)
<http://aepo-xdv-www.epo.cdc.gov/wonder/prevquid/p0000085/entire.htm>

Updated U.S. Public Health Service Guidelines for the Management of Occupational Exposures to HBV, HCV, and HIV and Recommendations for Postexposure Prophylaxis
<http://www.cdc.gov/mmwr/preview/mmwrhtml/rr5011a1.htm>

CDC's HBV Question and Answer web site is
<http://www.cdc.gov/hepatitis/index.htm#6>.

Laboratory Safety Information

Fire Safety and Fire Extinguishers In a Laboratory
<http://www.ilpi.com/safety/extinguishers.html>

Fume Hoods

SEFA 1-2006, Recommended Practices for Laboratory Fume Hoods (free
From: <http://www.sefalabs.com/i4a/pages/index.cfm?pageid=3320>

Industrial Ventilation: A Manual of Recommended Practice (for sale at
<http://www.acgih.org/>)

Personal Protective Equipment (PPE) Information

Ansell Edmont Glove Permeation Data
<http://www.westernsafety.com/aechemguideindex.html>

Best Manufacturing (Best Gloves) <http://www.bestglove.com/>

Comasec Safety Inc. <http://www.comasecsafety.com/>

Perfect Fit Gloves <http://www.perfectfitglove.com/>

Dupont Protective Apparel <http://safety.com.sg/pds/node/550>

Kappler High Performance Fabrics <http://www.kappler.com/>

Kimberly Clark Protective Apparel http://www.kc-safety.com/x_home.html

Mapa <http://www.mapaglove.com/>

Moldex <http://www.moldex.com/>
(Hearing Protection and respiratory protection)

MSA (Mine Safety Appliances produces complete range of equipment and systems for personal protection, not just for mine workers.) <http://www.msanet.com/>

North Safety Products <http://www.northsafety.com/>

National Institute of Health (NIOSH) : Recommendations for Chemical Protective Clothing
<http://www.cdc.gov/niosh/ncpc/ncpc1.html>

Suggested Personal Protective Equipment Reference Book

Quick Selection Guide to Chemical Protective Clothing,
Krister Forsberg, S.Z. Mansdorf

<http://www.wiley.com/WileyCDA/WileyTitle/productCd-0470146818.html>

The Quick Selection Guide includes 100 new chemicals and almost 1000 more selection recommendations than previous editions. This pocket guide includes 700 chemicals and additional synonyms, CAS numbers, risk codes, and special notations to alert the user. Also this edition has a section on protective clothing against chemical warfare agents. John Wiley & Sons; softcover; 147 pgs

Ergonomics Information

Occupational Health and Safety Administration (OSHA) – Interactive Website for Ergonomic Solutions for Computer Workstations :
<http://www.osha.gov/SLTC/etools/computerworkstations/index.html>

CDC/NIOSH Ergonomics, Human Factors and Musculoskeletal Website
<http://www.cdc.gov/niosh/topics/ergonomics/>

Emergency Response and Preparedness and Bioterrorism

Department of Transportation (DOT) Emergency Response Guide & Labels
Full version downloadable or searchable by chemical.
<http://hazmat.dot.gov/pubs/erg/guidebook.htm>

Bioterrorism Agents/Diseases - CDC - A to Z By category
<http://www.bt.cdc.gov/agent/agentlist-category.asp>

Public Health Assessment of Potential Biological Terrorism Agents
<http://www.cdc.gov/ncidod/eid/vol8no2/01-0164.htm>

Medical Aspects of Chemical and Biological Warfare - Military Medicine Textbook- Walter Reed Medical Center. Files/chapters are in Acrobat.PDF format.
<http://globalsecurity.org/wmd/library/report/1997/cwbw/index.html>

Indoor Air Quality

EPA/NIOSH Building Air Quality A Guide for Building Owners and Facility Managers
<http://www.cdc.gov/niosh/bagtoc.html>

Other Sources for Safety and Health Information

The Globally Harmonized System of Classification and Labelling of Chemicals

http://www.unece.org/trans/danger/publi/ghs/ghs_welcome_e.html

HMIS® - Hazardous Materials Identification System

<http://www.ilpi.com/msds/ref/hmis.html>

The United States Occupational Health and Safety Administration (OSHA)

OSHA's mission is to assure the safety and health of America's workers by setting and enforcing standards; providing training, outreach, and education; establishing partnerships; and encouraging continual improvement in workplace safety and health.

<http://www.osha.gov>

The Environmental Protection Agency (EPA) : <http://www.epa.gov/>

EPA's IRIS (Integrated Risk Information System) : <http://www.epa.gov/iris/intro.htm>

Emergency Response Decision Logic Program via EPA - HASP PROGRAM

<http://www.osha.gov/dep/etools/ehasp/index.html#haspuseman>

The University System of Georgia, Board of Regents (Several Internet Links):

<http://www.usg.edu/ehs/>

The Canadian Center for Occupational Health and Safety

CCOHS promotes a safe and healthy working environment by providing information and advice about occupational health and safety.

<http://www.ccohs.ca/>