

Useful Links on Laboratory Safety and Management

1. Chemical Safety

- Risk Assessment Form; Science Education Section, EDB
http://cd1.edb.hkedcity.net/cd/science/laboratory/SAFETY/Risk_Assessment_Form.doc
- Chemical Safety in the Workplace - Guidance Notes on Risk Assessment and Fundamentals of Establishing Safety Measures; Labour Department
<http://www.labour.gov.hk/eng/public/os/C/Chemsafe.pdf>
- Occupational Safety and Health Guide - Occupational Safety and Health in Schools; Labour Department
<http://www.labour.gov.hk/eng/public/oh/OHB77.pdf>
- Five Steps to Risk Assessment; Labour Department
<http://www.labour.gov.hk/eng/public/os/D/FiveSteps.pdf>
- Hazards During Chemicals in Use and Safety Guidelines; Labour Department
<http://www.labour.gov.hk/eng/public/os/D/Chemicals.pdf>
- Handbook on Safety in Science Laboratories (2013); EDB
http://cd1.edb.hkedcity.net/cd/science/laboratory/safety/SafetyHandbook2013_English.pdf
- Laboratory Safety Inspection Checklist; EDB
http://cd1.edb.hkedcity.net/cd/science/laboratory/safety/checklist_e.doc
- Laboratory Safety Checklist; HSEO, HKUST
http://www.ab.ust.hk/hseo/check_list/Inspection/GenLab%20Safety/labsafety1.htm
- Safety Audit/Inspection Manual; American Chemical Society
<https://chemistry.osu.edu/sites/chemistry.osu.edu/files/ACS%20Safety%20Audit%20Manual.pdf>

2. Chemical Information Sources

- Material Safety Data Sheets (MSDS); the Faculty Laboratory Centre, the City University of Hong Kong
http://cd1.edb.hkedcity.net/cd/science/laboratory/safety/msds_ss_2000.pdf
- Sigma Aldrich MSDS
<http://www.sigma-aldrich.com>
- ChemFinder
<http://chemfinder.cambridgesoft.com/>
- International Chemical Safety Cards; ILO
<http://www.ilo.org/dyn/icsc/showcard.home>
- MSDS Search; CCOHS
<http://ccinfoweb.ccohs.ca/msds/search.html>
- The MSDS Hyperglossary
<http://www.ilpi.com/msds/ref/>
- 中文 MSDS, 中国化工网
<http://cheman.chemnet.com/notices/>

3. Labelling of Chemical

- 化學品安全標籤軟件
http://www.oshc.org.hk/oshc_data/files/OSHInformation/OSHsoftware/chemical2005.zip

4. Posters

- Chemical Label; OSHC
http://www.oshc.org.hk/oshc_data/files/posters/2017/P24217.pdf
- Posters on Laboratory Safety; EDB
<http://cd1.edb.hkedcity.net/cd/science/laboratory/safety/safetyposters.zip>

5. Chemical Compatibility

- Chemical Compatibility of Materials with Chemical
<https://www.coleparmer.com/Chemical-Resistance>
- Incompatible Chemical List; HSEO, HKUST
<http://www.ab.ust.hk/hseo/Waste/incomp2.htm>
- Hazardous Chemical Information; HSEO, HKUST
http://www.ab.ust.hk/hseo/chem_info/index.htm

6. Personal Protective Equipment

- Guidelines for the Use of Personal Protective Equipment; OSHC
http://www.oshc.org.hk/oshc_data/files/HotTopic/CB139E.pdf
- Chemical Safety in the Workplace - Guidance Notes on Personal Protective Equipment (PPE) for Use and Handling of Chemicals
<http://www.labour.gov.hk/eng/public/os/C/equipment.pdf>

7. Chemical Waste Management

- Control of Chemical Wastes in Secondary Schools, EDB Circular No.1/1998B
<http://www.edb.gov.hk/UtilityManager/circular/upload/SMC/MC98001E.PDF>
http://cd1.edb.hkedcity.net/cd/science/laboratory/waste/cw_e.htm
- Compatibility Test for Chemical Waste (Video)
http://cd1.edb.hkedcity.net/cd/science/laboratory/waste/compatibility_test.wmv
- Disposal of Surplus or Expired Chemicals (Video)
http://cd1.edb.hkedcity.net/cd/science/laboratory/waste/expired_chemicals.wmv
- A Guide to the Chemical Waste Control Scheme; Packaging, Labelling and Storage of Chemical Waste; A Guide to the Registration of Chemical Waste Producers; EPD
http://www.epd.gov.hk/epd/english/environmentinhk/waste/guide_ref/guide_cwc_list.html

8. Biological Safety

- Guidance Notes on Safe Use of Chemical Disinfectants; Labour Department
<http://www.labour.gov.hk/eng/public/os/C/Disinfectants.pdf>
- Biosafety in Microbiological and Biomedical Laboratories (BMBL) 5th Edition; Centers for

Disease Control and Prevention

<https://www.cdc.gov/biosafety/publications/bmb15/bmbl.pdf>

- Laboratory Biosafety Guidelines, 3rd Edition-2004; Public Health Agency of Canada
http://www.phac-aspc.gc.ca/publicat/lbg-ldmbl-04/pdf/lbg_2004_e.pdf

9. Laser Safety

- Safety Guidelines for Laser Products; EMSD
http://www.emsd.gov.hk/emsd/eng/pps/oa_ls_pub_sglp.shtml
- Laser Safety Guidance Notes for Industry, Display and Entertainment
http://www.emsd.gov.hk/emsd/e_download/pps/others/laser_safety_guidance_notes_2005_eng.pdf
- Laser Safety Management; HKIOEH
<http://www.hkioeh.org.hk/Seminar/Seminar2007/HKIOEH-laser-safety-management-4.pdf>
- Laser Safety; HSEO, HKUST
<http://www.ab.ust.hk/hseo/training/laser/>

10. Radiation Safety

- Radionuclide Safety Data Sheets
http://www.info.gov.hk/dh-rhu/english/html/english_datasheet.htm
- Code of Practice for the Management of Low Level Radioactive Waste and Disused Sources
http://www.info.gov.hk/dh-rhu/english/pdf/Pub5_english.pdf
- Ionizing Radiation
http://www.info.gov.hk/dh-rhu/english/pdf/Pub6_english.pdf
- Basic Safety Standards for Protection Against Ionizing Radiation for the Safety of Radiation Sources
<http://www.info.gov.hk/dh-rhu/english/pdf/BASICSSST.pdf>
- Code of Practice on the Use of Radioactive Sources of Teaching Purposes in Schools
http://cd1.edb.hkedcity.net/cd/science/laboratory/safety/CodeofPractice_e_9_2012.pdf
- Application Form for Exemption from Requiring Radioactive Substances Licence (Use of Radioactive Sources for Teaching Purposes in Schools); EDB
<http://cd1.edb.hkedcity.net/cd/science/laboratory/safety/SchoolExemptionApplicationFormv2.pdf>
- Radiation Emergency Medical Management; U.S. Department of Health and Human Services
<http://remm.nlm.gov/>
- Safety and Health Topics: Ionizing Radiation; Occupational Safety and Health Administration, United States
<http://www.osha.gov/SLTC/radiationionizing/index.html>
- Radiation Information, Radionuclides; Environmental Protection Agency, United States
<http://www.epa.gov/radiation/radionuclides/index.html>

11. Controlled chemicals

- Controlled chemicals, the Customs and Excise Department
http://www.customs.gov.hk/en/trade_facilitation/chemicals/index.html

- Control of chemical weapon precursors, Trade and Industry Department
http://www.cwc.tid.gov.hk/english/cwc/over_chemical.html

12. Other

- Laboratory Safety and Management; Science Education Section, EDB
<http://www.edb.gov.hk/index.aspx?nodeID=3376&langno=1>

Science Education Section

Education Bureau

September 2017