

## **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](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](http://cd1.edb.hkedcity.net/cd/science/laboratory/safety/SafetyHandbook2013_English.pdf)  
[http://cd1.edb.hkedcity.net/cd/science/laboratory/safety/SafetyHandbook2013\\_Chinese.pdf](http://cd1.edb.hkedcity.net/cd/science/laboratory/safety/SafetyHandbook2013_Chinese.pdf)
- Laboratory Safety Inspection Checklist; EDB  
[http://cd1.edb.hkedcity.net/cd/science/laboratory/safety/checklist\\_e.doc](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](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](http://cd1.edb.hkedcity.net/cd/science/laboratory/safety/msds_ss_2000.pdf)
- Sigma Aldrich MSDS  
<http://www.sigma-aldrich.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](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](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](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](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](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](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](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](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/bmb1.pdf>
  - Biosafety Standards and Guidelines; Public Health Agency of Canada  
<https://www.canada.ca/en/public-health/services/canadian-biosafety-standards-guidelines.html>
9. Laser Safety
- Safety Guidelines for Laser Products; EMSD  
[https://www.emsd.gov.hk/en/other\\_regulatory\\_services/laser\\_safety/publications/safety\\_guidelines\\_for\\_laser\\_products/index.html](https://www.emsd.gov.hk/en/other_regulatory_services/laser_safety/publications/safety_guidelines_for_laser_products/index.html)
  - Laser Safety Guidance Notes for Industry, Display and Entertainment  
[https://www.emsd.gov.hk/filemanager/en/content\\_656/laser\\_safety\\_guidance\\_notes\\_2005\\_eng.pdf](https://www.emsd.gov.hk/filemanager/en/content_656/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](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](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](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/BASICSST.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](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](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](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

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