

Safety Resources

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Chemical Safety

The Chemical Safety Program aims to ensure the safe procurement, storage, use, and disposal of chemicals at the University of Saskatchewan. This program is designed to prevent injury / illness or property damage that can occur when chemicals are mishandled or stored improperly.

IN CASE OF A CHEMICAL SPILL:

- ▶ **Contact Waste Management Facility (306) 966-8497 -- Weekdays (8 AM - 4:30 PM)**
- ▶ **Contact Protective Services (306) 966-5555 -- Evenings / Weekends (24-Hour Dispatch)**
- ▶ **File an [incident report](#) after the spill has been dealt with.**

Training

- ▶ **Laboratory Safety Training**
 - Any person that will be working in a laboratory must take Laboratory Safety Training
 - [Laboratory Safety Manual](#)
- ▶ **Workplace Hazardous Materials Information System (WHMIS) Training**
 - Any person that will be working with or near hazardous substances / controlled products must take WHMIS training
 - [Workplace Hazardous Materials Information System Manual](#)
- ▶ **Transportation of Dangerous Goods (TDG) Training**
 - Any person shipping or receiving dangerous goods must take Transportation of Dangerous Goods training
- ▶ **Site-specific training**
 - Orientation
 - Safe work practices / Personal Protective Equipment
 - Standard operating protocols
 - Emergency preparedness
 - Proper waste disposal practices
 - Record of site-specific training ([template](#))

Requirements

For information on chemical inventories, please click [here](#).

WHMIS Information

The Globally Harmonized System for Classification and Labelling of Chemicals (GHS) is an international standard that is being implemented in Canada. Updated federal laws governing the Workplace Hazardous Materials Information System (WHMIS) come into effect on **December 1, 2018**. This new format of WHMIS is identified as **WHMIS 2015** (replacing WHMIS 1988).

- ▶ [WHMIS 2015 - SDS Fact Sheet](#)
- ▶ [WHMIS 2015 - Info Sheet](#)
- ▶ [WHMIS Pictograms, Hazard Classes and Hazard Categories](#)

WHMIS Training

By **December 1, 2018**, all members of campus must have the updated online WHMIS 2015 training as offered by Safety Resources.

Register for training [here](#).

WHMIS Labelling

If you have hazardous products with WHMIS 1988 labels in your workplace you must relabel WHMIS 1988 products with a WHMIS 2015 compliant workplace or supplier label:

- ▶ [WHMIS 2015 - Workplace Label Template - 2 per sheet](#)
- ▶ [WHMIS 2015 - Workplace Label Template - 4 per sheet](#)

Safety Data Sheets

As of **December 1, 2018**, all Material Safety Data Sheets (MSDS - 9 categories) must be replaced by Safety Data Sheets (SDS - 16 categories).

SDSs can be obtained from the supplier of the hazardous product. If you cannot obtain a current SDS, prepare a WHMIS 2015 compliant SDS using [this template](#).

- ▶ [Example of completed WHMIS 2015 Workplace Label](#)
- ▶ [WHMIS 2015 - Workplace Label Requirements](#)
- ▶ [WHMIS Label Template - 2.5x2.5](#)
- ▶ [WHMIS Label Template - 2.5x2](#)
- ▶ [WHMIS Label Template - 2.5x3.5](#)
- ▶ [WHMIS Label Template - 2.5x3.25](#)
- ▶ [WHMIS Label Template - 2.5x3](#)
- ▶ [WHMIS Label Template - 2.5x4](#)
- ▶ [WHMIS Label Template - 2x2.5](#)
- ▶ [WHMIS Label Template - 2x2](#)

Paper and / or electronic copies of SDSs are acceptable.

Electronic / digital SDSs may be kept in this format as long as:

- ▶ All employees have access to and are trained on how to use the computer or device;
- ▶ The computers/devices are kept in working order;
- ▶ The employer makes a hard copy of the SDS available to the employee or health and safety committee/representative upon request.

Click [here](#) for WHMIS 2015 Frequently Asked Questions!

Click [here](#) for the SDS Search Page

Appropriate storage containers and locations

- ▶ Products should be stored in original packaging (as much as possible)
- ▶ Every product must display relevant WHMIS labelling (supplier or workplace labels)
- ▶ Secondary containment is best practice (chemical-resistant tray – to catch spills)
- ▶ Products should be organized by [chemical compatibility](#)
- ▶ Flammable products should be kept in flammable storage cabinets

Materials for proper handling and disposal

- ▶ Personal protective equipment (PPE)
- ▶ Secondary containment (carrying buckets, etc.)
- ▶ Wheeled cart or dolly for short-distance transport
- ▶ Spill kit(s) (neutralizing or absorbing materials, disposal supplies)
- ▶ Materials for waste disposal (plastic jugs, cardboard boxes, waste stickers, etc.)

Proper disposal of all chemicals

- ▶ [Hazardous Waste Disposal Standard](#)
- ▶ All chemical waste must be disposed of through our Waste Management Facility
- ▶ Submit [Chemical Waste Disposal Form](#) to have waste collected
- ▶ Contact the Waste Management Facility (306) 966-8497 for more information regarding chemical disposal

Resources / Posters / Information

- ▶ [Chemical and Biological Safety Information](#)
- ▶ [Compressed Gas Cylinder - Safe Handling, Use and Storage](#)
- ▶ [Flammable and Combustible Liquid Storage Guideline](#)
- ▶ [Hydrofluoric Acid - Emergency Protocol](#)
- ▶ [Laboratory Design Guide](#)
- ▶ [Liquid Nitrogen Safety - Poster](#)
- ▶ [Liquid Nitrogen - Safe Handling and Transport](#)
- ▶ [Prohibition of Toxic Substances - Regulations and Reporting](#)
- ▶ [Chemical Weapons Convention Reporting](#)

