

WHMIS is CHANGING



WHMIS



Transition Date:













Workplace Hazardous Information System (WHMIS) regulations are changing to adopt GHS. There are several key changes to current practices of chemical labeling and hazard communication that will affect U of G personnel handling hazardous materials. Beginning in Fall 2015 U of G personnel handling hazardous materials will be required to take WHMIS 2015 course which will be available online and in class.

WHAT IS WHMIS 2015?

The globally harmonized system (GHS) is an internationally recognized system utilized for classifying chemicals, affecting items such as labels and safety data sheets (SDS). GHS is anticipated to standardize safety communication protocols.


WHAT CHANGES?

6 WHMIS symbols are being replaced by 10 pictograms with borders which must be red in color and the pictogram appearing inside the frame

	Exploding bomb (for explosion or reactivity hazards)		Flame (for fire hazards)		Flame over circle (for oxidizing hazards)
	Gas cylinder (for gases under pressure)		Corrosion (for corrosive damage to metals, as well as skin, eyes)		Skull and Crossbones (can cause death or toxicity with short exposure to small amounts)
	Health hazard (may cause or suspected of causing serious health effects)		Exclamation mark (may cause less serious health effects or damage the ozone layer*)		Environment* (may cause damage to the aquatic environment)
	Biohazardous Infectious Materials (for organisms or toxins that can cause diseases in people or animals)				

While similar to current WHMIS labels, WHMIS 2015 labels will no longer have a hatched border and should include the changes as described on the example label below.

Possible GHS label

Product ID	n-Propyl Alcohol UN No. 1274 CAS No. 71-23-8		Pictogram
Signal Word	DANGER		
Hazard Statement	Highly flammable liquid and vapor. Causes serious eye damage. May cause drowsiness and dizziness.		
Precautionary Statement	Keep away from heat/sparks/open flames/hot surfaces. No smoking. Avoid breathing fumes/mist/vapours/spray. Wear protective gloves/protective clothing/eye protection/face protection. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present. Continue rinsing.		
Supplier Info	Fill Weight: 18.65 lbs. Lot Number: B56754434 Gross Weight: 20 lbs. Fill Date: 6/21/2013 Expiration Date: 6/21/2020	See SDS for further information.	Supplemental Info
	Acme Chemical Company • 711 Roadrunner St. • Chicago, IL 60601 USA • www.acmechem.com • 123-444-5567		

Labels must be updated within 6 months of becoming aware of new information.

Safety Data Sheet (SDS) - Formerly known as Material Safety Data Sheets (MSDS), SDS will appear in a standardized format, with consistent section headings in a specified sequence:

Section 1. Identification

Section 2. Hazard(s) identification

Section 3. Composition/ingredients

Section 4. First-Aid measures

Section 5. Fire-fighting measures

Section 6. Accidental release

measures

Section 7. Handling and storage

Section 8. Exposure controls/personal

Section 10. Stability and reactivity

Section 11. Toxicological information

Section 12. Ecological information

Section 13. Disposal considerations

Section 14. Transport information

Section 15. Regulatory information

Section 16. Other information, date of preparation or last revision