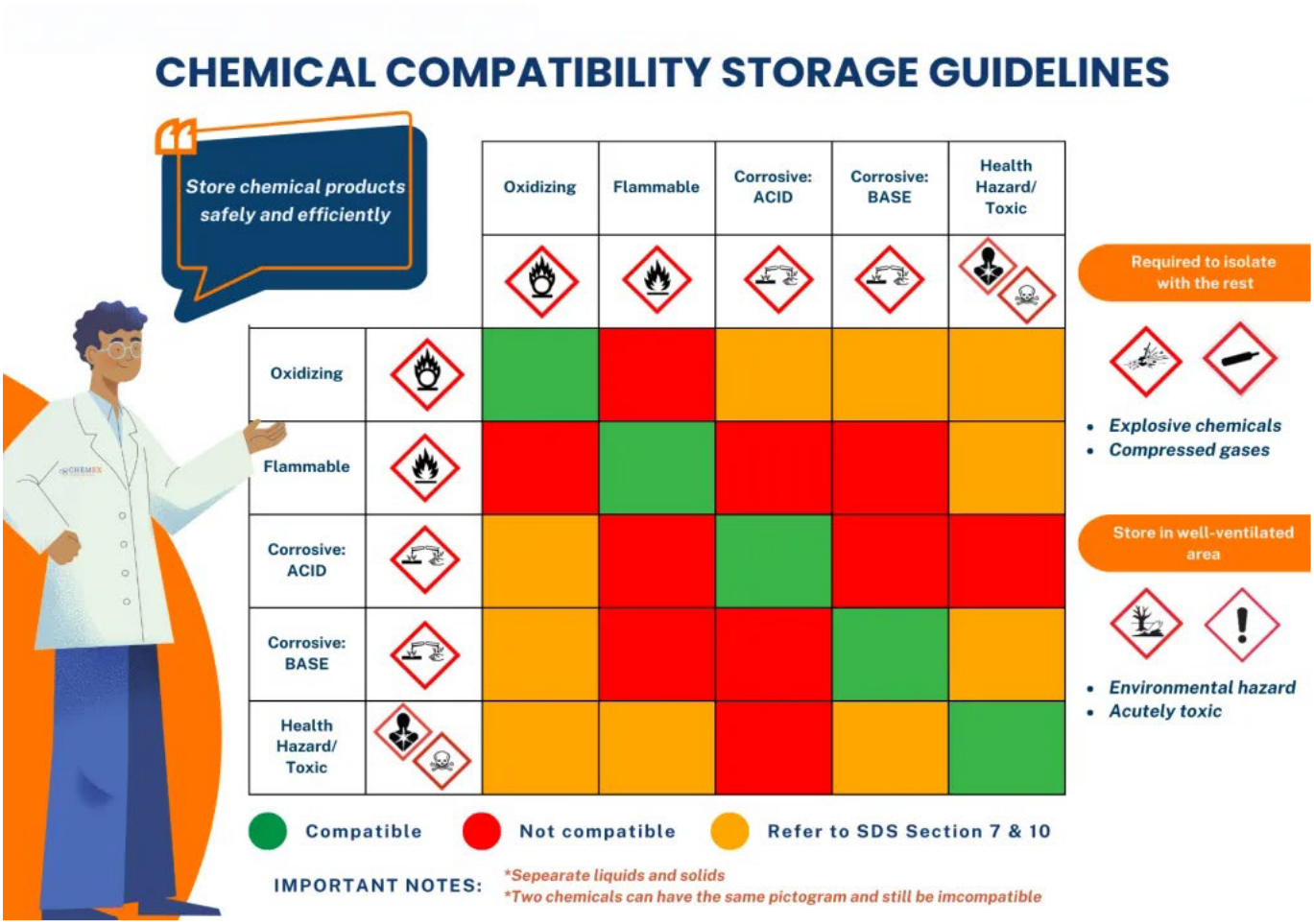
Health and Safety, Human Resources
Email: health.safety@uregina.ca
Phone: (306) 337-2370

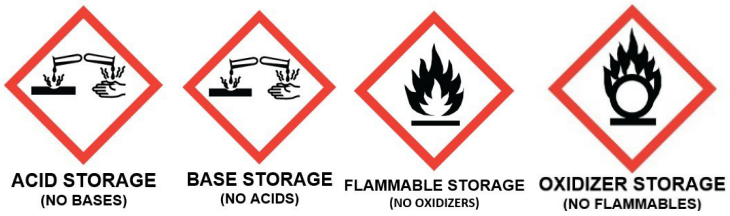
Lab Safety: Chemical Storage Tips

With so many chemicals adorning your shelves and cupboards, it can be difficult to avoid chemical storage incompatibilities! Below are examples of common incompatibilities and how to avoid them.



Unsure of proper storage requirements of a chemical?

Refer to Section 7 Handling and Storage of the products SDS.
Contact Health & Safety (H&S) for additional support, if needed.
WHMIS and chemical storage labels can be requested using the new online form.



Check out these links for more in-depth hazardous storage information and tips and chemical segregation solutions.

OTHER IMPORTANT STORAGE TIPS		
Chemical/Category	**Storage Requirements**	**Notes**
Flammable Liquids	**Flammable Cabinet (FC)**	**Notify H&S if you have >10L outside FC.** **Do not store flammables in a fridge unless it is rated for flammable storage.**
Glacial Acetic Acid	**Flammable Cabinet (FC)**	**Category 3 flammable liquid.** **Use secondary containment if needed.**
Chloroform	**Separate Cabinet** **(away from other chemicals)**	**Avoid oxidizers, strong bases, etc.** **Keep away from sunlight, store below eye level.**
Peroxide Formers **(including Isopropanol)**	**Tightly sealed, amber glass container away from light, heat, ignition sources and oxidizers**	**Check regularly: visually inspect for crystal formation and use peroxide test strips (available from UR Stores).** **If crystals present, notify H&S.**
Mixed Chemical Storage **(Limited Space Issue)**	**Secondary Containment**	**Use secondary containers to prevent spills from spreading/mixing with incompatible materials.**

Fume hoods are designed specifically as temporary, active work areas to exhaust hazardous vapours, not as long-term or short-term storage of substances, supplies, or equipment.

Flammable liquids and decants, such as spray or squeeze bottles, must be placed back into flammables storage with closed lids at the end of each day.

Helping to keep our labs safe, clean, organized, and ready for success!

Have questions? Contact Health & Safety
Phone: (306) 337-2370
Email: health.safety@uregina.ca
Website: Health & Safetyti

Need to report an Incident/Near Miss/Safety Concern?
Notify your supervisor and fill out the online form