



HSC Safety Tips No. (2)

1. Gas cylinders **MUST** be secured firmly at all times, especially during transport. Firmly belt or chain cylinders individually to a wall, cylinder cart, cylinder rack or rigid structure. **NEVER** drag or slide the cylinder.
2. Keep incompatible gas classes stored separately. Examples would include separating flammables from reactives, which include oxidizers and corrosives (e.g. oxygen, fluorine, chlorine). Segregate gas storage from all other chemicals.
3. **Do NOT** expose gas cylinders to an open flame or to any temperature above 125°F/52°C.
4. In case of an accidental spillage of chemicals, decontaminate or disinfect the contaminated material and area, wiping up with absorbent cloth. The cloth should **NEVER** be turned during this process, because this will spread the contamination. The decontamination should be carried out by working from the least to the most contaminated part, with a change of cloth at each stage. Dry cloths should be used in the case of liquid spillage; for spillages of solids, cloth impregnated with water (acidic, basic, or neutral as appropriate) should be used. When finished, rinse the area, and wipe dry with absorbent cloths. **Do NOT** forget to disinfect any tools that were used!
5. Always use the **HSC Incident Report** form to report all laboratory incidents in HSC!

