

# PROPER CHEMICAL SAFETY TIPS

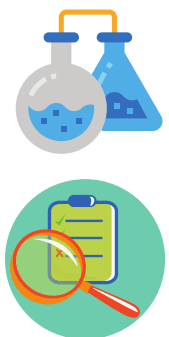
## CREATE A RESPONSE PLAN

Safe handling begins with a plan. Establish safe operating procedure (SOP). Think about what could go wrong and pay close attention to what you're doing while you work. Learn about emergency procedures and equipment.



## REGULAR INSPECTION

Make sure all containers and equipment used to handle chemicals are in good working condition. Check glassware for signs of cracking and make sure any contaminated items are disposed properly.



## PROVIDE SAFETY EQUIPMENT

It is equally important to properly maintain eyewash stations, drench showers, fire extinguishers, and first aid kits so that workers who are exposed to chemicals can quickly access these tools in an emergency to lessen the effects of their exposure.



## USE PROTECTIVE GEAR

Once you understand the dangerous properties of a chemical, you can use the necessary PPE. Inspect it carefully before each use to make sure it's safe to use. Replace worn out or damaged PPE.



## ALWAYS READ LABELS & SDS

Read labels and the safety data sheet (SDS) before using any material to make sure you understand hazards and precautions related to the chemical used. Communicate hazards to everyone in the facility.



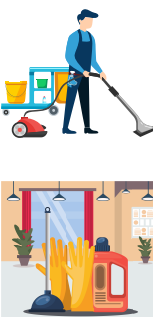
## KEEP AIR FLOWING

Good ventilation is an important factor in minimizing chemical exposure. Laboratories and other areas where chemical use is common should have proper airflow and filtration system in place.



## GET ORGANIZED

Store all materials properly. Separates chemicals based on the incompatibility group. Make sure the store is well ventilated and free from water or any ignition sources. Practice regular house keeping and self hygiene to reduce the contamination risk.



## FOCUS ON TRAINING

Every member who is at risk of being harmed by a chemical must understand the risks and hazards and how they personally could be impacted. Thus, continuous education is the key.

