

Chemical Spill Kit Contents

Every laboratory must have a Chemical Spill kit readily available and accessible. Place Spill kit(s) near working areas so that they are easily accessible in the event of a spill. The Spill kit needs to contain the appropriate materials for the specific laboratory and have enough material to clean up the largest amount of chemical in laboratory. Spill kits must be checked periodically, and restored after each use.

Items needed as a minimum are:

Personal Protective Equipment (PPE):

Goggles

Appropriate gloves (Nitrile, Clinical, etc)

Absorbents:

Universal absorbent (Vermiculite or Kitty Litter)

Absorbent pads or Paper towels

Acid Spill Neutralizer:

Sodium bicarbonate (Baking soda)

Alkaline (Basic) Spill Neutralizer:

Sodium bisulphate

Clean Up Materials:

Dust pan and bench brush

Heavy Duty plastic bags

Optional items:

PPE:

Disposable lab coat

Face shield

Vinyl booties

Absorbents:

Spill socks, pads or pillows in enough quantity to prevent chemicals entering floor drains

Clean Up Materials:

Plastic Bucket with lid to contain spill and absorbent residues

Other:

Hydrofluoric acid gel (calcium gluconate) if hydrofluoric acid is used in the lab

Mercury spill kit if mercury is used in the lab

