



Battery Charging and Minor Acid Spill Clean Up Procedures

CHARGING BATTERY

1. Prior to adding water to the battery, the operator must wear the included personal protective equipment to prevent exposure to battery acid: chemical splash proof goggles, neoprene gloves, and apron.

CLEANING UP A BATTERY ACID SPILL

1. **Notify co-workers** of the spill and **restrict access** to the affected area during clean up.
2. Retrieve the battery acid spill kit that includes Xsorb® and personal protective equipment.
3. Wear the appropriate **personal protective equipment** included in the kit: chemical splash-proof goggles, neoprene gloves, and apron.
4. **Apply Xsorb® to cover the spill.** Encircle the spill and then apply inward.
5. **Mix the Xsorb® thoroughly into the spill,** using a broom or similar object in a back and forth motion.
6. **Wait 5 minutes** to allow Xsorb® to thoroughly absorb and neutralize the battery acid.
7. Using the supplied pH paper, tear off a strip and place into the absorbed material. Refer to the color chart accompanying the **pH paper to verify that the pH is 7 (neutral).**
8. If the pH has not reached neutral, rehydrate the Xsorb®/spill mixture with water and mix in additional Xsorb®. Then retest using the pH strip to verify a neutral pH has been achieved.
9. Place waste absorbed material into **disposal bag,** using a broom and dust pan. Neutralized waste materials can be discarded in the regular trash.
10. If you need a **new battery acid spill kit or any contents, contact EH&S at 4-6783.**

*****DO NOT USE SPILL KIT TO CLEAN UP HYDROFLUORIC ACID*****

For a major spill or if you need assistance:

In University Hospital: Call University Police, 911

In Hospital Satellite Facilities: Call Local Fire Department