Battery Acid and Minor Acid Spill Clean Up Procedures

**CHARGING BATTERY**

- Prior to adding water to the battery, the powered industrial truck operator must wear personal protective equipment (chemical splash goggles, apron, and neoprene gloves) to prevent exposure to battery acid.

**CLEANING UP AN ACID SPILL (not for hydrofluoric acid)**

1. **Notify co-workers** of spill and **restrict access** to affected area during clean up.
2. **Retrieve acid spill kit** that includes Xsorb Acid Neutralizing Super Absorbent, personal protective equipment, pH paper, paint stirrer, brush and scoop, and waste disposal bag.
3. **Wear personal protective equipment:** chemical splash goggles, apron, and neoprene gloves.
4. **Encircle spill** with Xsorb and then apply inward. **Xsorb should cover entire spill.**
5. **Mix Xsorb thoroughly into the spill** using the brush or paint stirrer in a back and forth motion.
6. **Wait 5 minutes** to allow Xsorb to thoroughly absorb and neutralize the acid.
7. Using supplied pH paper, tear off a strip and place into absorbed material. Refer to color chart accompanying pH paper to **verify pH is neutral (6.5 to 7.2).**
8. If pH has not reached neutral, **rehydrate Xsorb/spill mixture with water** and mix in additional Xsorb. Retest with pH strip to verify a neutral pH has been achieved.
9. Place waste absorbed material into **waste disposal bag,** using brush and dust pan and dispose of in regular trash. Keep goggles for reuse if possible.
10. For a **replacement spill kit or any contents,** contact EH&S at 4-6783.

**For a major spill or if you need assistance:**

**In University Hospital:** Call University Police, 911

**In Hospital Satellite Facilities:** Call Local Fire Department

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