

**ACS Safety Video: “Starting with Safety”**

Name: \_\_\_\_\_

**Answer the following questions as you watch the video online <https://vimeo.com/6170550> .  
Return this worksheet with your signed Student Lab Safety Contract.**

1. In what order should strong acids and water be mixed?
2. What is the correct way to smell a chemical?
3. Should any liquid, solid or object (pipette, spatula) be added to a stock reagent bottle? Explain.
4. Why should you wash your hands before you leave the lab?
5. What can happen if you use glassware that has cracks or “stars”?
6. What should be used when handling hot glassware or hot metals?
7. Should you “shake down” a lab thermometer? Explain.
8. Describe proper dress for lab.
9. What should be done with long hair while working in lab?
10. What piece of safety equipment must always be worn in the lab, even during clean-up?
11. What is the most important behavior safety rule in the lab?

12. Are food and/or drinks allowed in the lab? Explain.

13. What three things should you do if you cut yourself in the lab?

14. If anyone gets chemicals in their eyes, how long should they rinse their eyes?

15. If you spill a small amount of chemical on your skin, what should you do?

16. If your clothing catches on fire, what should you do?

17. If a small beaker of a chemical in your lab area catches fire, what two things should you do?

18. If you are in doubt about what to do or how to do anything in the lab, what should you do?