

Chemical Laboratory Safety Exercise

1. After doing a procedure that involves contact with acetone, the student notices that his hands smell strongly of acetone and that his fingers are very dry. He was using Nitrile exam gloves. What would have been a better glove to use?
2. What are the effects of exposure to acetone?
3. What is a fatal dose of acetone?
4. What are some of the safe storage and handling procedures for acetone (a flammable solvent)?
5. Acetone is poured into a container marked for acid waste. The waste container over pressurizes and explodes splashing and cutting the student. What are some of the causes of the accident?
6. If you were to draw a hazard label for acetone, what would it look like?

