

Name: \_\_\_\_\_  
Hour: \_\_\_\_\_ Date: \_\_\_\_\_

## Chemistry: *Material Safety Data Sheet for Acetone*

1. In case of emergency when using acetone, what phone number could you call?
2. Describe acetone. (What does it look like, smell like, etc.?)
3. Is acetone... NOT flammable, slightly flammable, or highly flammable?
4. Should you get acetone on your skin?
5. What should you do for a person who has inhaled too much acetone?
6. If you get acetone in your eye, what action should you take?
7. If you swallow acetone, should you induce vomiting (that is, should you attempt to throw it back up)?
8. In case of fire, what type of fire extinguisher should be used?
9. In what type of cabinet should acetone be stored?
10. When using acetone, should a person wear safety goggles?
11. What is the density (in g/mL) of acetone? \_\_\_\_\_ If the density of water is 1.0 g/mL, will acetone float on water or will it sink if poured into water?
12. Does acetone have a long shelf life?
13. If you ingest (that is, swallow) acetone, what bodily organs are most affected?
14. Do we know all of the possible health risks of acetone?
15. Flinn Scientific, Inc. provided us with this MSDS when we purchased the acetone from them. If we injure ourselves using this acetone, what can we expect the Flinn company to do?
16. According to the toxicological information, the lethal dosage of 50% of the rats tested 5800mg/kg. It was abbreviated as: ORL-RAT LD50: 5800 mg/kg. This information can sometimes be extrapolated to humans. What would be the lethal dosage for a human male weighing approximately 175lbs? (Hint: You may have to look up conversions.)