

MSDS Activity

Fill in the table below based on the MSDS sheet you are given.

Substance Name					
Chemical Formula					
Solubility					
Appearance					
Melting and Boiling Pts.					
Lethal Dose – Oral (LD ₅₀)					
Formula Weight					
Flash Point					
First Aid – Internal					
Disposal Method					
Storage Location					

Questions:

- 1) How are the hazards information helpful?
- 2) Why are the fire fighting measures necessary to know?
- 3) How would the physical and chemical properties be helpful in identifying an unknown substance?
- 4) What does LD₅₀ mean?
- 5) Of the five substance you looked at the MSDS for, which of the substances
 - a) is the most flammable?
 - b) is the most toxic if taken internally?
 - c) has the lowest flash point? The highest flash point?
 - d) has the lowest boiling point?
- 6) Using the most toxic substance, how much of this substance could a 75 kg person accidentally ingest and have an even chance of living through it?
- 7) Using the Flinn Catalog, write out steps needed to dispose of one of your chemicals. You may pick which chemical, as long as it is not 26a or 26b.