CHEMICALS AT WORK DATA SHEET

Due Date: _____   Name: _____

1.   List the most important information about the **history** of this chemical.
        Include the **discovery** of this chemical, (things like who, where, what, how, etc.).
        Include anything of **particular interest** about the history of the chemical.

2.   **Describe** your chemical, its **chemical name,** and its **common, (trivial), name** .
        List the **physical or chemical descriptions** that would allow someone to identify your chemical.

3.   How is the chemical **produced**, naturally or commercially?
        Give the name of the process or the equipment used to obtain or produce your chemical.

4.   Describe at least **3 — 4 uses** for this chemical. These uses can include industrial, medical, or everyday use in the home.

5.   Describe any **dangers** that occur in handling or using this chemical. Describe any **safety** precautions that should be used to handle or move this chemical.

6.   Include the **safety symbol** , HHPS or WHMIS, used for your chemical.

List of Chemicals

1. Acetylene gas (ethyne)
2. Ammonia (fertilizer, cleaning agent, polymers)
3. Sulphuric acid
4. Nitrogen gas
5. Hydrogen peroxide (antiseptic)
6. Petroleum
7. Chlorine gas
8. Carbon Dioxide gas
9. Naphthalene (mothballs)
10. Methane gas (natural gas)
11. Freon (fluorocarbons)
12. Sodium hydroxide (lye: drain and oven cleaners, manufacture of soap)
13. Calcium hypochlorite (toilet cleaner)
14. Diethylene glycol (disinfectant)
15. Trisodium phosphate (abrasive cleaner)
16. Ethylene glycol (antifreeze)
17. Acetone (nail polish remover)
18. Ethanol (alcohol)
19. Sodium nitrite (preservative)
20. Octane (gasoline)
21. Sodium hydrogen carbonate (sodium bicarbonate, baking soda, and in Alka-Seltzer)
22. Acetic acid (ethanoic acid, vinegar)
23. Calcium carbonate (chalk or marble: also found in Tums, Rolaids)
24. Ethylene (ethene: polymers and plastics)
25. Phosphoric acid (detergents, fertilizers, soft drinks)
26. calcium oxide (lime: agriculture)