UNATTENDED EXPERIMENT FORM

This is to be filled out for each experiment that is left in an unattended laboratory for an extended period. It is your responsibility to see that if a fire or other accident occurs in your laboratory the people who have to deal with the situation will not be endangered by your experiment regardless of whether your experiment was its cause. If the emergency develops during the night, the people who deal with it may be firemen or security personnel few of whom are trained chemists.

If your lab partners will be in the laboratory during the period while you are away, tell them whether or not the reaction is conceivably hazardous and if so what to look out for. If the laboratory is to be unattended, it is your responsibility to leave this form attached to the door. Information regarding the hazards of specific materials is available in the department safety manual, in "Prudent Practice in the Laboratory: Handling and Disposal of Chemicals" which is available from your Group Safety Officer or on the Safety Reference Shelf in the Library.

If you don’t know enough about the experiment to fill in this form, you are not ready to run it.

Experimenter’s Name ____________________________ Phone ____________
Research Director’s Name ____________________________ Phone ____________
Location of Experiment (e.g. which hood?) ____________________________
Reactants Involved (no symbols or abbreviations) ____________________________
Products derived (including wastes) ____________________________
Gases evolved ____________________________
Directions in Case of Emergency ____________________________

Fill squares below with appropriate code numbers

FIRE HAZARD

4. DANGER: Flammable gas or extremely flammable liquid.
3. WARNING: Flammable liquid flash point below 100 F.
2. CAUTION: Combustible liquid flash point of between 100 F to 200 F.
1. Combustible if heated.
0. Not combustible.

HEALTH HAZARD

4. DANGER: May be fatal on short exposure. Specialized protective equipment required.
3. WARNING: Corrosive or toxic. Avoid skin contact or inhalation.
2. WARNING: May be harmful if inhaled or absorbed.
1. CAUTION: May cause irritation.
0. No unusual hazard.

INSTABILITY HAZARD

4. DANGER: Explosive material at room temperature.
3. DANGER: May be explosive if shocked, heated under confinement or mixed with water.
2. WARNING: Unstable or may react if heated or mixed with water.
1. CAUTION: May react if heated or mixed with water.
0. Stable. Not reactive when mixed with water.

W - Avoid use of water
  - Radiation
ACID - Acid
LAS - Laser
EL - Electrical Hazard
ALK - Alkali
COR - Corrosive
OXY - Oxidizing Chemicals
RED - Dangerous reducing agent
metal hydride