

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		INSTABILITY HAZARD	
4. DANGER: May be fatal on short exposure. Specialized protective equipment required.		4. DANGER: Explosive material at room temperature.	
3. WARNING: Corrosive or toxic. Avoid skin contact or inhalation.		3. DANGER: May be explosive if shocked, heated under confinement or mixed with water.	
2. WARNING: May be harmful if inhaled or absorbed.		2. WARNING: Unstable or may react if heated or mixed with water.	
1. CAUTION: May cause irritation.		1. CAUTION: May react if heated or mixed with water.	
0. No unusual hazard.		0. Stable. Not reactive when mixed with water.	
W - Avoid use of water - Radiation	ALK - Alkali		
ACID - Acid	COR - Corrosive		
LAS - Laser	OXY - Oxidizing Chemicals		
EL - Electrical Hazard	RED - Dangerous reducing agent metal hydride		