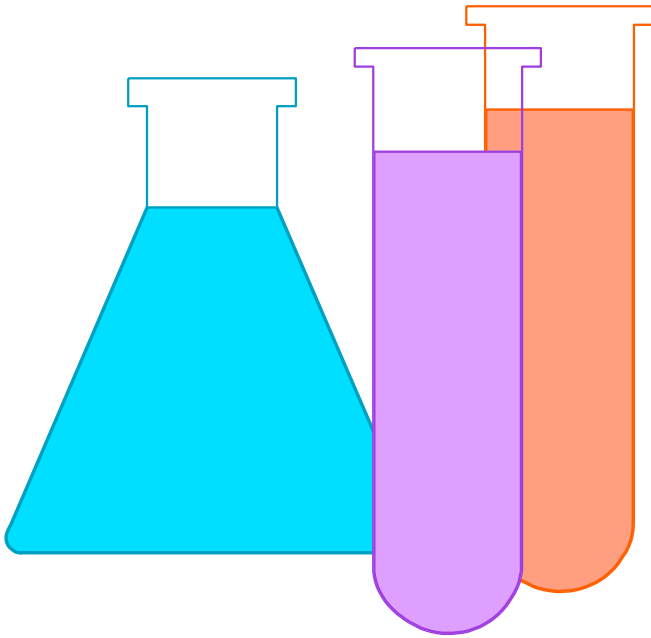


LABORATORY SAFETY AT



LSU



Environmental Health and Safety (EHS)

578-5640

Chemical Safety Board on University Lab Safety



ON-LINE TRAINING

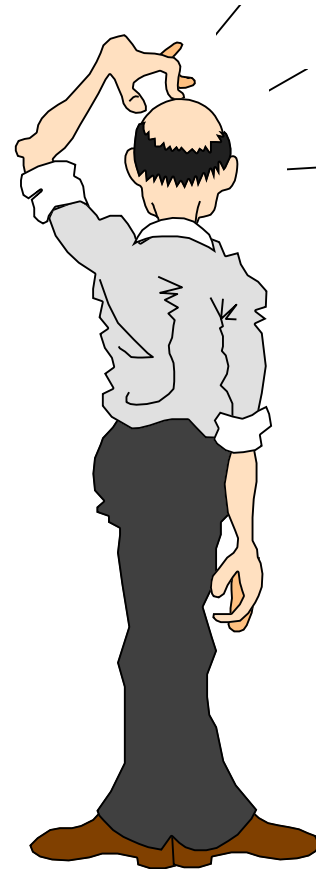
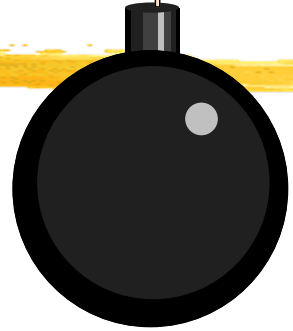
<http://www.lsu.edu/ehs>

Click on "Online Safety Training"

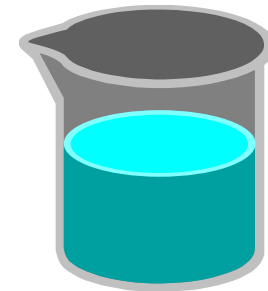
Click on "Access the Lab Safety Training"

Take ***BASIC LAB SAFETY*** Courses

EMERGENCY PROCEDURES



CHEMICAL SPILLS



- NOTIFY SUPERVISOR AND DETERMINE LEVEL OF SEVERITY (CLEAN UP IF APPROPRIATE)
- CALL EHS AND CAMPUS POLICE (911)
- PROTECT YOURSELF AND OTHERS FROM EXPOSURE
- CONTROL IGNITION SOURCES IF FLAMMABLES ARE INVOLVED
- BEGIN EVACUATION IF NECESSARY
- FOLLOW DIRECTIONS FROM EHS AND CAMPUS POLICE

SPILL RESPONSE

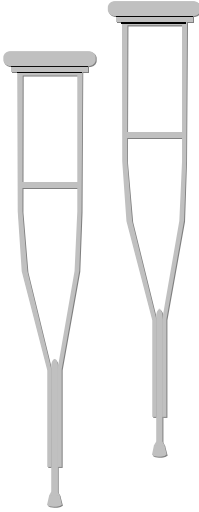
- Lab Personnel
- EHS at 578-5640
- Facility Services
- City Fire and HAZMAT

SPILL SEVERITY LEVELS

- Level 1 - can be handled by lab workers
- Level 2 - can be handled by EHS
- Level 3 - can be handled by EHS and local Haz Mat
- Level 4 - must be handled under control of State Police
- **Note: Unstable containers may be handled by BR City Police Bomb Team**

INJURIES

- DETERMINE EXTENT OF INJURY
- PROVIDE FIRST AID AND CPR AS NEEDED-
- Avoid contact with ALL Body Fluids
- CALL 911 (LSU POLICE- 578-3231) IF EMS IS NEEDED, GIVING INFORMATION AS TO WHETHER CHEMICALS ARE INVOLVED OR NOT
- ASSIST EMERGENCY PERSONNEL
- SECURE SCENE FOR ACCIDENT INVESTIGATION



FIRES AND FIRE ALARMS

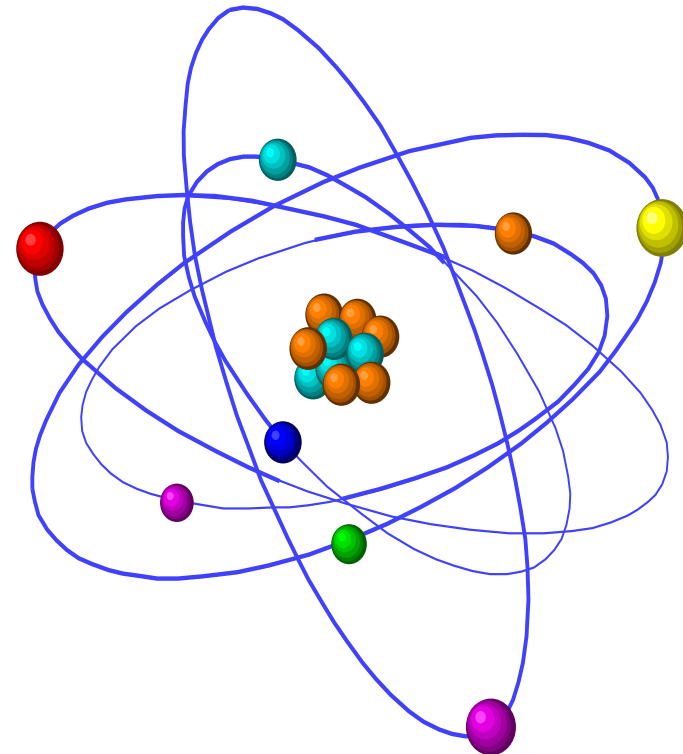
- REMAIN CALM AND DO NOT ENTER A DANGEROUS AREA
- PULL THE FIRE ALARM AND BEGIN EVACUATING THE BUILDING
- **CALL CAMPUS POLICE 578-3231 (911)**
- FOLLOW DIRECTIONS OF FLOOR MONITORS
- STAY OUT UNTIL POLICE GIVE OK



RADIATION EMERGENCIES

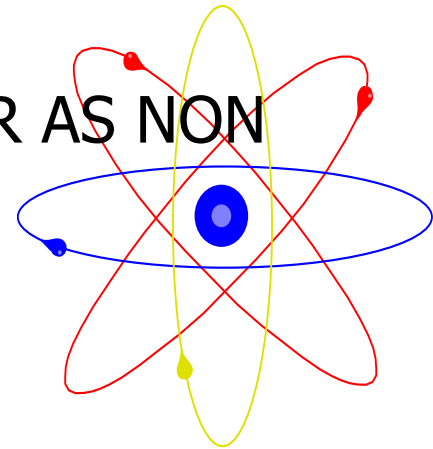
■ SPILLS

- NOTIFY RADIATION SAFETY
578- 2008 (8-2008)
- KEEP ALL POTENTIALLY
CONTAMINATED PERSONS
IN THE GENERAL VICINITY
OF THE LAB TO PREVENT
THE SPREAD OF
CONTAMINATION
- SECURE THE LAB



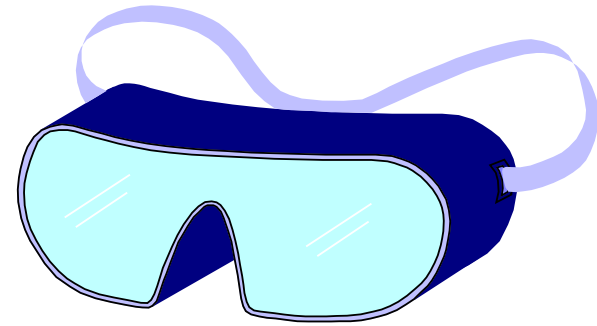
RADIATION EMERGENCIES, CONT'D

- FIRES AND OTHER LAB UPSETS
 - NOTIFY APPROPRIATE EMERGENCY PERSONNEL
 - NOTIFY THE RADIATION SAFETY OFFICE
- INJURY
 - HANDLE THE SITUATION IN SAME MANNER AS NON RADIATION INJURY
 - NOTIFY THE RADIATION SAFETY OFFICER



NOTE: RADIOACTIVE MATERIALS IN LSU LABS ARE SUCH THAT TAKING CARE OF THE EMERGENCY WILL POSE LITTLE OR NO EXPOSURE POTENTIAL TO PEOPLE INVOLVED

PPE



■ Personal Protective Equipment

■ Eye Protection

- | Glasses - worn at all times when in the lab
- | Goggles - used for splash hazard to eyes
- | Face Shield - used when a splash hazard to eyes and face

■ Hand Protection

- | Gloves - should be used if a hazard to the hands exists. Glove selection is based upon the specific hazard.

PPE

■ Protective Clothing

- Lab Coats and/or Aprons - should be worn at all times. Must be used when a splash hazard exists from harmful materials (corrosives, phenol, etc..). Flame resistant clothing should be used when a flash fire hazard exists.

■ Footwear

- **NOT Allowed**: Open -toed shoes and sandals should not be worn in the lab

EMERGENCY PHONE NUMBERS for LSU Baton Rouge Campus

■ Campus Police **911**
— (578-3231)

■ EHS **578-5640**

■ Radiation Safety **578-2008**

■ Facility Services **578-2327**

Labels

1. All containers must be labeled
2. Name of material on label match the MSDS
3. Specific hazard items (Physical and Health hazards) stated

Chemical Safety

- Know hazards of Chemicals in your work area
- Know what to do in day-to-day operations and emergencies
- Wear proper PPE when required or when exposure potential exists
- Know emergency procedures for every chemical you use
- Know locations of safety showers, fire extinguishers, spill response material, and Exits
- If you notices signs of overexposure, leave area and summon help
- Wash hands frequently, and before eating or taking a break

Laboratory operations in the COVID world.

- Always maintain 6 feet separation .
 - If not possible, wear lab coats, gloves and face mask.
 - Clean/Sanitize hands often and always when leaving lab.
- Work staggered times/days.
- Do not report to lab is showing symptoms of COVID.
- Do not report to lab if test positive for COVID.
- Follow guidance of the university.



Dr. Jason LeJeune, CSP 225-578-5194