














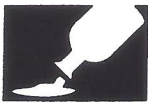


# SAFETY SYMBOLS

Your textbook uses safety symbols to alert you to possible lab dangers. These symbols are explained below. Be sure you understand each symbol before you begin an activity.

 <p><b>DISPOSAL ALERT</b> This symbol appears when care must be taken to dispose of materials properly.</p>	 <p><b>ANIMAL SAFETY</b> This symbol appears whenever live animals are studied and the safety of the animals and the student must be ensured.</p>
 <p><b>BIOLOGICAL SAFETY</b> This symbol appears when there is danger involving bacteria, fungi, or protists.</p>	 <p><b>RADIOACTIVE SAFETY</b> This symbol appears when radioactive materials are used.</p>
 <p><b>OPEN FLAME ALERT</b> This symbol appears when use of an open flame could cause a fire or an explosion.</p>	 <p><b>CLOTHING PROTECTION SAFETY</b> This symbol appears when substances used could stain or burn clothing.</p>
 <p><b>THERMAL SAFETY</b> This symbol appears as a reminder to use caution when handling hot objects.</p>	 <p><b>FIRE SAFETY</b> This symbol appears when care should be taken around open flames.</p>
 <p><b>SHARP OBJECT SAFETY</b> This symbol appears when a danger of cuts or puncture caused by the use of sharp objects exists.</p>	 <p><b>EXPLOSION SAFETY</b> This symbol appears when the misuse of chemicals could cause an explosion.</p>
 <p><b>FUME SAFETY</b> This symbol appears when chemicals or chemical reactions could cause dangerous fumes.</p>	 <p><b>EYE SAFETY</b> This symbol appears when a danger to the eyes exists. Safety goggles should be worn when this symbol appears.</p>
 <p><b>ELECTRICAL SAFETY</b> This symbol appears when care should be taken when using electrical equipment.</p>	 <p><b>POISON SAFETY</b> This symbol appears when poisonous substances are used.</p>
 <p><b>PLANT SAFETY</b> This symbol appears when poisonous plants or plants with thorns are handled.</p>	 <p><b>CHEMICAL SAFETY</b> This symbol appears when chemicals used can cause burns or are poisonous if absorbed through the skin.</p>