**Hazards and Safety - Learning Objectives**

**By the end of this topic you should be able to:**

**Identify the hazard symbols for which you have notes in class which are;**

* **Toxic**
* **Harmful**
* **Corrosive**
* **Irritant**
* **Oxidising**
* **Flammable**
* **Harmful to the environment**

**You should be able to draw a simple sketch to represent the above hazard symbols.**

**You should be able to define these hazard symbols (without using the word you are defining) e.g. an irritant causes a rash or pain on the skin (not an irritant is irritating)**

**You should be able to give a safety precaution for using a chemical with each of these hazard symbols on.**

**You should be able to explain what you would do if you got this chemical on yourself.**

**You should be able to interpret the information on a chemical label.**

**You should recall that information about chemical hazards can be found on their hazcards and that these are kept in a file in the lab.**

**You should be able to find information on these about hazards associated with particular chemicals.**

**You should know the difference between hazard and risk.**

**You should be able to extract the key information from hazcards to write a risk assessment.**

**You should be able to suggest ways to minimise the risk when heating solids, liquids and flammable liquids as per the student notes following our student safety practical.**

**You should know the meaning of the word carcinogen.**