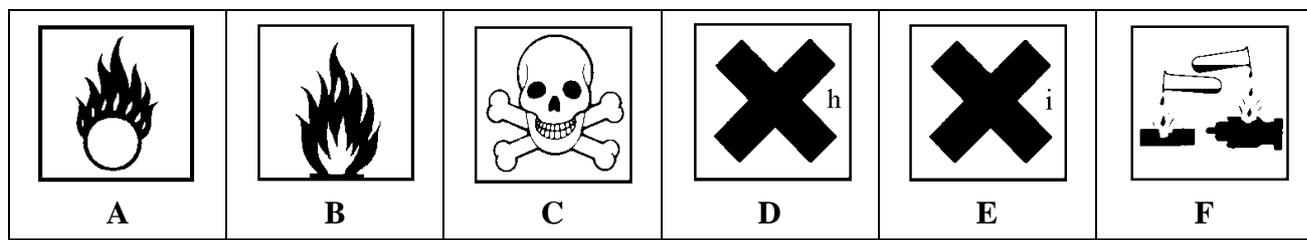


Using hazard symbols

1. The table below shows six of the standard hazard symbols used to label chemicals.



- a) Match each symbol to the correct meaning from the list in the box on the right. For example, if you think the first symbol means **flammable**, write down **A – flammable**.
- b) For each hazard symbol, describe what it means in your own words.
2. Write down the **name** of the hazard symbol you would to find on bottles of:
- a) sulphuric acid
b) petrol
c) cyanide

- Corrosive
- Flammable
- Harmful
- Irritant
- Oxidising
- Toxic

3. Read the extract below, taken from a 1986 newspaper report, then answer the questions.

- a) From the information in the newspaper report, which hazard symbol should be used on bottles of methanol?
- b) Methanol is also harmful when it comes into contact with the skin. Draw the correct hazard symbol.
- c) Methanol can be used as a fuel in dragster racing cars. Which other hazard symbol should be used?
- d) Do you think that the people who added the methanol to the wine knew it was dangerous? Explain your answer.

Wine laced with methanol – 12 dead

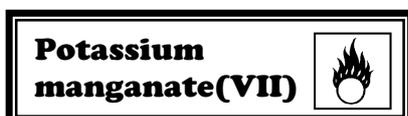
A 52-year-old man died in Genoa yesterday, taking to 12 the number of people known to have been killed in the past two weeks by adulterated Italian wine. Twelve more are in hospital in northern Italy after drinking the wine, and some of them are expected to be left blind by the methyl (or wood) alcohol added to the wine either by producers or bottlers.

Magistrates have arrested two wholesalers, and more than

180,000 gallons of wine have been confiscated from several north Italian bottling plants.

Doctors said that Mr. Fermino Minari came to the hospital last week saying he had gone blind after drinking suspect wine. He suddenly collapsed, went into a coma and died of a heart attack. Significant traces of methyl alcohol, or methanol, were found in his blood and urine, the hospital said.

4. The labels below come from two laboratory chemicals.



Explain why these two chemicals should be stored separately.