

## Displacement of halides

Hazards and their descriptions are shown below to help you complete the activity.

<b>flammable</b>	can catch fire easily
<b>biohazard</b>	contains dangerous organisms such as bacteria
<b>irritant</b>	can irritate eyes, skin, and lungs
<b>corrosive</b>	may dissolve or burn materials, including skin
<b>toxic</b>	can be poisonous and possibly lethal
<b>explosive</b>	may explode
<b>harmful</b>	can hurt eyes and skin

### Hints for writing word equations:

General equation for Group 7 displacement reactions:

more reactive halogen + compound → less reactive halogen + new compound

For example:

chlorine + potassium iodide → iodine + potassium chloride