

Displacement of halides

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

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