



Guidance for Practical 1 – Chapter 4

Reactions of period 3 chlorides

This is a good practical for developing students' observational skills.

The aluminium chloride must be the anhydrous form.

Safety

- Great care must be exercised when working with aluminium chloride, silicon chloride and the phosphorus chlorides as they are corrosive when they come into contact with skin and have vapours which should not be breathed in.
- All reactions must be carried out in the fume cupboard.
- Students should wear gloves, laboratory coats/aprons and eye protection.