

# STAYING SAFE INSIDE

## Water and electricity do not mix

Water is a conductor of electricity so water and electricity are a very dangerous combination.

You should take special care when near electrical appliances, power points or switches.

- Only use electrical appliances when an adult can help you.
- Avoid using electrical appliances in the bathroom
- Always dry your hands before touching appliances, power points or switches.
- Always clean up water spills on the floor.
- Never use or leave electrical appliances where they can fall into water.
- If liquid spills into an electrical appliance, tell an adult who will unplug it and have it checked by an electrician.

## Safety Devices

A **Residual Current Device (RCD)** is a safety switch that helps protect you and your family from electrocution. It works on the idea that the electricity flowing into a circuit must equal the electricity flowing out of the circuit. If there is a difference it will disconnect the circuit in your home.

RCDs can be found in your meter box, on certain power points and on portable power boards and extension leads.

When an RCD detects a problem with your power supply, it switches the power off within 10 to 50 milliseconds to prevent electric shock. This is faster than the time it takes to blink your eyelid!

It is law in Western Australia that all new homes and rental houses have at least two RCDs installed. For more information visit:

[www.energysafety.wa.gov.au/RCD](http://www.energysafety.wa.gov.au/RCD)

