

INFO. SHEET: LS3 LABORATORY SAFETY SAFE USE OF MICROWAVES

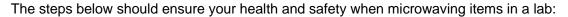
This Information Sheet provides guidance on using microwaves safely in a laboratory environment.

Microwave Hazards

Using microwaves in a lab is very similar to using microwaves at home.

You have to be just as careful of the general hazards associated with heating or using a microwave. For example, the heat from steam

Using Microwaves Safely



ALWAYS refer to the COSHH and Risk Assessments before heating any substance.

NEVER microwave flammable or toxic materials.

BE CAREFUL when microwaving water the water may not appear to be boiling but can explode when removed from the microwave.

Use suitable (non-metallic), heat resistant containers.

Never overfill containers.

Use a suitable stopper¹ that stops bubbling over but also stops pressure build-up.

Allow items to cool for at least 30 seconds² before removing them.

Wear heat resistant gauntlets³ when removing items. Keep your lab coat sleeves tucked