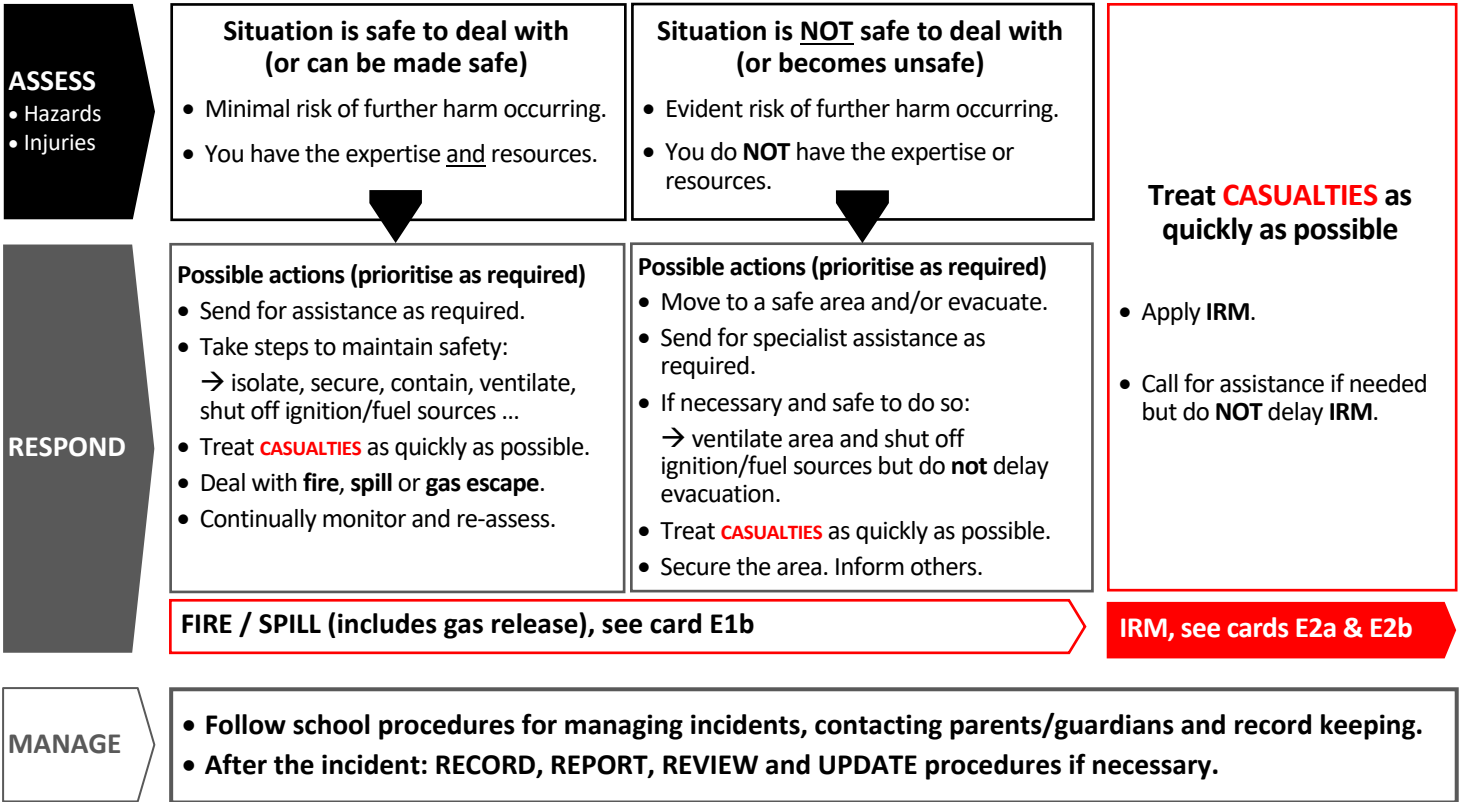


Emergency Hazzard (E1a)

Dealing with an incident (general strategy)

Assess, prioritise and then act quickly
Do not put yourself or others in danger



Emergency Hazard (E1b)

FIRE and SPILLS

FIRE

- **NOT SAFE TO DEAL WITH** → Evacuate & isolate area. Call the Fire & Rescue service (FRS) on 999.
- **SAFE TO DEAL WITH** → Cut off ignition/fuel sources (if possible without causing a spark). Extinguish flames.

SPILL

- **NOT SAFE TO DEAL WITH** → Isolate/secure spill area.
Call CLEAPSS for advice or, in extreme cases, call the Fire & Rescue Service (FRS) on 999.
- **SAFE TO DEAL WITH:**
 - Check *Hazard*. Wear correct PPE. Maintain safety.
 - Contain, collect and treat spill. Clean spill area. Dispose of treated spill.
 - Clean up. Ensure all contaminated equipment is cleaned. Check own clothes/skin. Wash thoroughly.

ASSESS

→

CONTAIN

→

COLLECT

→

TREAT

→

DISPOSE

Calling the Fire & Rescue Service (FRS)

In an emergency involving fire, chemical spill or vapour/gas release, where either life is at risk or a noxious or flammable substance is escaping uncontrollably, the FRS should be called via 999 (inform the school's Senior Leadership Team).

It is useful for the FRS to know, preferably at the point of call if possible without delaying the call:-

1. The identity of the chemical(s) involved.
2. How the chemical is contained (or if it is not).
3. The quantity involved.
4. Any hazard information that is available without delaying the process.

Arrange for someone who knows about the situation/hazards to talk to the 999 operator and, if required, to meet the FRS crew on their arrival.

Note: If the incident does not require immediate action but involves the spill/release of a chemical that may require specialist equipment, call the FRS but stress that the incident is contained and will not escalate.

Emergency Hazcard (E2a)

Immediate Response Measures (IRM)



Immediate Response Measures: ALL staff in the science department (including technicians and other support staff) should be familiar with and trained to carry out these response measures; speed is essential.

In the event of an incident:

- **Immediately** begin applying the measures below and/or on *Emergency Hazcard 2b*. Call a First Aider to continue treatment.
- If necessary, call the emergency services (999 or 111).
- Keep the casualty as still as possible. Look out for signs of shock or developing unconsciousness.
- Follow school procedures for managing incidents, contacting parents/guardians and record keeping.
- Call the *CLEAPSS Helpline* (01895 251 496) for further advice if required.

Non-chemical emergencies requiring IRM

Hair and/or clothing on fire	STOP, DROP & ROLL. Stop casualty moving around. Drop casualty gently to the floor. Wrap flames tightly in a fire blanket (or other non-flammable material) OR roll casualty to smother flames. Treat for burns.
Burns	COOL. Cool the burn by immediately irrigating with gently running water for at least 20 minutes and until pain is relieved and heat is no longer felt.
Severe cuts	CONTROL BLEEDING. Ask casualty to apply pressure to the wound using sterile pads, cloths or fingers. Raise wound as high as possible. Lower casualty gently to floor. Do not remove embedded objects; apply pressure around them. Protect yourself from contamination.
Asthma attack Anaphylactic shock	SUPPORT & PROTECT. Follow the school's agreed procedures. Help the casualty to access and use their medication, in accordance with your training.
Fainting Epileptic fit Unconsciousness	SUPPORT & PROTECT. Lower casualty gently to floor if they are losing consciousness. Make the area safe to protect casualty from further injury. If unconscious, place casualty in recovery position. If regaining consciousness, lay casualty on floor and raise their legs.
Electric shock	ISOLATE FROM SUPPLY. If safe: break circuit by switching off or pulling out plug. If not safe: use an insulator (eg, wooden broom handle, rubber gloves) to remove casualty from the circuit. Call 999.

Emergency Hazcard (E2b)

Immediate Response Measures (IRM) - continued



If someone has been exposed to a chemical (eg, in eyes, on skin, inhaled or ingested), do **not** delay IRM. Check *Hazardcard* for additional information; some chemicals present specific problems that may require extra measures.

Chemical emergencies requiring IRM, follow the advice below

Check *Hazardcard* for additional information

Chemical is ...	Immediate response and accompanying action	Notes
.. in the eye	<p>IRRIGATE (More than 20 mins)</p> <ul style="list-style-type: none"> If severe symptoms apparent (eg, pain, blindness, redness), call 999. In all other cases, call 111. Continue irrigation in all cases until attention/advice is obtained from qualified medical staff. 	<p>Eye damage may occur even in the absence of symptoms.</p> <p>Always get a qualified medical assessment.</p>
.. in the mouth (may/may not have been ingested)	<p>RINSE and SPIT</p> <ul style="list-style-type: none"> If severe symptoms apparent (eg, blistering, breathing problems, swelling), call 999. Even if minimal/no symptoms, call 111. 	<p>Do not swallow/drink any liquid.</p> <p>Do not induce vomiting.</p>
.. inhaled (gas/vapour/dust)	<p>MOVE TO FRESH AIR (Sit down/support)</p> <ul style="list-style-type: none"> If severe symptoms apparent (eg, drowsiness, breathing problems, nausea), call 999. Even if minimal/no symptoms, call 111. 	<p>Evacuate and/or ventilate the area if necessary.</p> <p>Beware: Some chemicals have delayed effects.</p>
.. on the skin	<p>IRRIGATE (More than 20 mins)</p> <ul style="list-style-type: none"> If severe symptoms apparent, call 999. In all other cases, call 111. Do not apply any 'neutralising' chemicals. Continue irrigation until attention/advice is obtained from qualified medical staff. 	<p>Wipe/brush off excess but do not delay irrigation.</p> <p>Remove any contaminated and/or restricting clothing or jewellery <u>while irrigating</u>.</p>

Calling 999 or 111. Be ready to give the information below. Have *Hazardcard* to hand & send with casualty if necessary.

- chemical (name, concentration, etc)
- signs or symptoms apparent
- how exposed, for how long, when
- IRM already applied
- who exposed (age/gender)
- any known pre-existing medical conditions