Spillage	SSERC comments	PPE	Open windows	Brush up, put in general waste	with	Leave to	Turn off ignition sources	paper	with	Cover with citric acid	with	Evacuate room and call fire brigade
100 mL of dilute acid on work bench	Depends how dilute. If very dilute, no PPE is required. For dilutions labelled irritant, safety specs will do and nitrile gloves even though these might not be needed for normal experimental use). Sodium carbonate only needed for concentrated acids.	Goggles, nitrile gloves			✓			✓	✓			
10 mL of propanone on work bench	This is a very small amount. Eye protection is optional - if used, safety specs are sufficient.	Goggles,	✓			✓	✓					
20 mL of concentrated sulphuric acid	I don't think a face shield is required for this quantity - unless there are no goggles available.	Goggles, face shield, nitrile gloves							✓		✓	
50 mL of ethanol on floor	If it is pure ethanol then safety specs are sufficient. If IDA, use goggles to protect against methanol fumes.	Goggles	√		✓		√	√				
500 mL of sodium hydroxide solution	As for acids, it depends on the concentration. If very dilute, no PPE is required. For dilutions labelled irritant rather than corrosive, safety specs. Citric acid is only needed if it is quite concentrated.	Goggles, vinyl gloves		✓						√	✓	
Large tub of sodium chloride on work bench	No PPE needed			✓								
2 L of concentrated ammonia solution	We recommend that breathing equipment is not used in schools - it required expert fitting and training that is beyond most establishments. Just leave to clear by the normal ventilation or call the fire brigade.	Breathing equipment										✓