

Science of Magic

Creator/Reviewer of Risk Assessment	Name Ian Snell
	Signature
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Severity	Likelihood	Risk Rating* (S x L)
1 No or Little Harm	1 Unlikely	1-5 Low
2 Minor/First Aid	2 Possible	6-10 Medium
3 Medical Attention	3 Probable	10+ high
4 Hospitalisation	4 Likely	
5 Death/Irreparable Injury	5 Certain	

Activity/Item Being Assessed	Hazard Identified	Persons/Property At Risk	Control Measures	Severity	Likelihood	Risk Rating*	Notes/Safety Advice
Swell-Gel demo using water storage granules	This demo uses a cup of water which could spill and create a slip hazard. Water storage granules are potentially very hazardous if ingested	Presenter	Be careful with water, and have tissues or towel close by. Ensure no water storage gel is accidentally ingested, seek medical help if this is the case.	2	1	2	
Coin Demo	Choking hazard from coin if swallowed	Volunteer	Clear instructions given, volunteers not to be under 5	5	1	5	
Egg-Floating Demo	This demo uses water, which could spill and create a slip hazard	Presenter	Be careful with water, and have tissues or towel close by.	2	1	2	

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Bottle and screw Demo	This demo uses a cup of water which could spill and create a slip hazard. It also uses a screw, which could cut a finger	Presenter/Volunteer	Be careful with water, and have tissues or towel close by. Warn audience member of any water on the ground	2	1	2	
Champagne glasses illusion	This demo uses water, which could spill and create a slip hazard	Presenter	Be careful with water, and have tissues or towel close by.	2	1	2	
Metre stick demo	Splinters from wooden stick	Presenter	Check for splinters beforehand	1	1	1	
Nappy demonstration	This demo uses a jug of water which could spill and create a slip hazard	Presenter	Be careful with water, and have tissues or towel close by.	2	1	2	
Giant card illusion	None identified	n/a		1	1	1	
Returning tin can	None identified	n/a		1	1	1	
Genie in a bottle	This uses 30% Hydrogen Peroxide which is Harmful if swallowed and poses a serious risk of damage to eyes.	Presenter	Eye protection should be used when setting this up and when performing the demonstration. Gloves to be used when setting up. The bottle should be left to cool after use and not be touched. No	3	2	6	http://science.cleapss.org.uk/resource/SSS057-Hydrogen-peroxide.pdf Emergency action <ul style="list-style-type: none"> • In the eye Flood the eye with gently-running tap water for 10 minutes. See a doctor. • Swallowed Do no more than wash out the mouth with water. Do not induce vomiting.

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	<p>The reaction gets very hot and produces steam.</p>		<p>children should be near during demonstration. Bottle should be kept away from children during show</p>			<p>Sips of water may help cool the throat and help keep the airway open. See a doctor.</p> <ul style="list-style-type: none"> • Spilt on the skin or clothing Flood the area with plenty of water. Remove contaminated clothing and soak it. If a large area is affected or blistering occurs, see a doctor. • Spilt on the floor, bench, etc For large spills, and especially for (moderately) concentrated solutions, cover with mineral absorbent (eg, cat litter) and scoop into a bucket. Dilute with at least ten times its own volume of water. Rinse the floor etc with plenty of water. Wipe up small amounts with a damp cloth and rinse it well.
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