

### Sting Investigations – Risk Assessment

<b>Hazard</b>	<b>Risk</b>	<b>Precaution</b>
<b>TBE Buffer</b>	No risk once in dilute form	<ul style="list-style-type: none"> <li>• Use diluted TBE buffer to make all solutions</li> </ul>
<b>methanoic (formic acid) ethanoic acid (vinegar)</b>	Irritant at >3M	<ul style="list-style-type: none"> <li>• Use 1M solutions.</li> <li>• Safety glasses</li> </ul>
<b>ammonia solution</b>	<ul style="list-style-type: none"> <li>• Irritant at &gt;3M.</li> <li>• Ammonia given off when heated</li> </ul>	<ul style="list-style-type: none"> <li>• Use 1M solutions</li> <li>• Don't heat solutions</li> </ul>
<b>sodium carbonate, sodium hydrogen carbonate, lemon juice, aspirin, coca cola, universal indicator</b>	Minimal but ingestion is not advised.	<ul style="list-style-type: none"> <li>• Warn against eating</li> </ul>