

# SAMPLE RISK ASSESSMENT (inc COSHH)



Hydrogen Peroxide Foam – For Demonstration Only

Specific

Generic

Please tick

Date: 02/04/15

Attach additional sheets if required at any section.

<b>Substances Involved and Hazards Identified: e.g. Biological*; Radioactive*; Toxic, Explosive, Inflammable, Carcinogenic</b>		
<b>Substance</b>	<b>Hazard</b>	
Hydrogen Peroxide	Burns skin and eyes	
Potassium Iodide	Irritant	
<b>Equipment used &amp; Hazards Identified (Please Tick)</b>		
<b>Apparatus</b> ✓	<b>Cryogenic</b>	<b>Electrical</b>
<b>Scheme of Work/Procedure</b> A small piece of potato is added to hydrogen peroxide in a measuring cylinder with detergent. A few bubbles of oxygen are produced. Potassium iodide is added to hydrogen peroxide in a second cylinder. A huge “snake” of bubbles is produced.		



<b>Particular Control/Safety Measures to be Adopted: Both Engineering and Personnel, e.g. Fume Cupboard, Gloves, Blast screen</b>	
Safety goggles, lab coat, gloves	
<b>EMERGENCY PROCEDURES (a) Spillage (b) Fire (c) Other</b> a) Clean with plenty water b) Extinguishfire with equipment appropriate to the nature.	
<b>First Aid Treatment</b> Get medical aid immediately.	
<b>Waste Disposal Procedures</b> Domestic waste/sink with plenty water	
<b>Information Sources</b> Material Safety Data Sheets	
<b>Name of Assessor</b>	<b>Signature</b>