

SAMPLE RISK ASSESSMENT (inc COSHH)



Natural Indicators – For demonstration/class activity

Specific

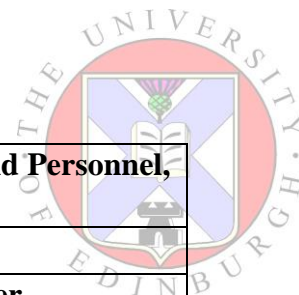
Generic

Please tick

Date: 02/04/15

Attach additional sheets if required at any section.

Substances Involved and Hazards Identified: e.g. Biological*; Radioactive*; Toxic, Explosive, Inflammable, Carcinogenic		
Substance	Hazard	
Vinegar (dilute)	No significant risk	
Sodium Hydroxide Solution	Corrosive, may cause burns, harmful by ingestion or skin contact.	
Turmeric	No significant risk	
Beetroot Juice	No significant risk	
Red Cabbage Juice	No significant risk	
Equipment used & Hazards Identified (Please Tick)		
Apparatus ✓	Cryogenic	Electrical
Scheme of Work/Procedure Turmeric, red cabbage juice and beetroot juice are tested with acid and alkali to see colour changes. Only a few drops of acid and alkali are used in each case.		



Particular Control/Safety Measures to be Adopted: Both Engineering and Personnel, e.g. Fume Cupboard, Gloves, Blast screen	
Safety goggles, lab coat, gloves	
EMERGENCY PROCEDURES (a) Spillage (b) Fire (c) Other	
a) Wipe up and rinse affected area b) In case of fire, extinguish with either powder, CO ₂ or Foam extinguisher	
First Aid Treatment	
In case of contact, immediately flush eyes or skin with copious amounts of water. If swallowed, wash out mouth with water provided person is conscious. Call a physician immediately.	
Waste Disposal Procedures	
Wash down sink with plenty of water	
Information Sources	
Material Safety Data Sheets	
Name of Assessor	Signature