

SAMPLE RISK ASSESSMENT (inc COSHH)

Natural Indicators – For demonstration/class activity

Specific

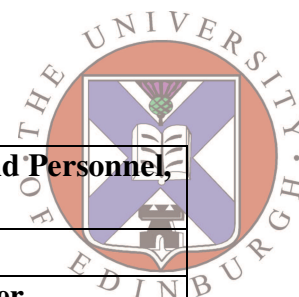
Generic

Please tick

Date: 11/01/07

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, CO₂ 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