



<b>SCHOOL</b>			
<b>TEXT</b>	Science Alive 2		
<b>CHAPTER 4</b>	Chemical reactions	<b>PAGE</b>	83
<b>ACTIVITY</b>	Making an indicator		

### Experiment Summary

Making and testing an acid-base indicator

### PROTECTIVE MEASURES

GLASSES	GLOVES	DUST MASK	LAB COAT	FUME HOOD
✓			✓	

### SAFETY INFORMATION

REACTANT	HS	DG	CLASS	MSDS DATE	UN	HAZCHEM
SODIUM HYDROXIDE (0.1 M SOLUTION)	Y	Y	8		1824	2R

#### Risks

- Causes severe burns
- Risk of serious damage to eyes

#### Safety

- Keep solution locked away.
- Wear suitable clothing and eye protection.
- Do not breathe gas/fumes/vapour/spray.



Corrosive



Harmful

### FIRST AID

<b>Swallowed</b>	Contact doctor or Poisons Information Centre. Give glass of water.
<b>Eye</b>	Wash with running water for 15 minutes. Seek medical attention.
<b>Skin</b>	Remove contaminated clothing. Wash skin with soap and water.
<b>Inhaled</b>	Provide fresh air. Keep patient rested and warm. If breathing is shallow, give oxygen. Seek medical attention.

### CONCLUSION

- Wear suitable clothing and eye protection.

ASSESSOR/S: ..... DATE: .....

THIS ASSESSMENT IS VALID UNTIL: .....

**Disclaimer:** This Risk Assessment Sheet is provided as a guide only. MSDSs vary between manufacturers so the content of this sheet must be checked against the MSDS provided by the manufacturer of chemicals used in YOUR school laboratories. This sheet must not be used in laboratories until it has been checked against your own MSDS, signed and dated. To the maximum extent permitted by law, the Publisher disclaims all responsibility for actions taken or not taken in relation to the Risk Assessment Sheets.