



<b>SCHOOL</b>			
<b>TEXT</b>	Science Alive 2		
<b>CHAPTER 3</b>	Nutrients	<b>PAGE</b>	51
<b>ACTIVITY</b>	Testing foods for nutrients		

### Experiment Summary

Testing food samples for the presence of glucose, starch and protein

PROTECTIVE MEASURES				
GLASSES	GLOVES	DUST MASK	LAB COAT	FUME HOOD
✓			✓	

SAFETY INFORMATION						
REACTANT	HS	DG	CLASS	MSDS DATE	UN	HAZCHEM
Refer to appropriate risk assessments for MATCHES						
SODIUM HYDROXIDE (1 M SOLUTION)	Y	Y	8		1824	2R

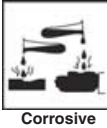
REACTANT	HS	DG	CLASS	MSDS DATE	UN	HAZCHEM
SODIUM HYDROXIDE (1 M SOLUTION)	Y	Y	8		1824	2R

**Risks**

- Causes severe burns
- Risk of serious damage to eyes

**Safety**

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


FIRST AID	
<b>Swallowed</b>	Give milk or water, if conscious. Seek URGENT medical attention.
<b>Eye</b>	Wash with running water for 15 minutes. Seek medical attention.
<b>Skin</b>	Flood body part with water. Remove contaminated clothing. Wash skin with water and soap. Seek medical attention.
<b>Inhaled</b>	Provide fresh air. Keep patient rested and warm. If breathing is shallow, give oxygen. Seek medical attention.

REACTANT	HS	DG	CLASS	MSDS DATE	UN	HAZCHEM
CANDLE WAX Main ingredient: paraffin wax	Y					

**Risks**

**Safety**

- Do not breathe dust.
- Avoid contact with skin.
- Wear eye/face protection.

FIRST AID	
<b>Swallowed</b>	Give milk or water, if conscious. Seek urgent medical attention.
<b>Eye</b>	Wash with running water.
<b>Skin</b>	Wash with soap and water. Immerse burnt skin in cold, running water for 15 minutes. Bandage lightly. Seek medical attention.
<b>Inhaled</b>	Provide fresh air. Keep patient rested and warm. If breathing is shallow, give oxygen. Seek medical attention.

### CONCLUSION

- Never add water to solid sodium hydroxide.
- Avoid contact with iodine solution; iodine solution stains skin.
- Wear suitable clothing and eye protection.
- Warn students of the danger of a naked flame.
- Tie back long hair.
- Ensure coat sleeves do not interfere with hand movement.
- Ensure hot equipment is placed on a heatproof mat.

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.