



SCHOOL			
TEXT	Science Alive 2		
CHAPTER 1	Substances: a look inside	PAGE	19
ACTIVITY	From elements to compounds		

Experiment Summary

Heating magnesium ribbon in a crucible

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: 1. NATURAL GAS 2. LPG 3. MATCHES						

REACTANT	HS	DG	CLASS	MSDS DATE	UN	HAZCHEM
MAGNESIUM RIBBON	N	Y	4.1		1869	4(Y)

Risks

- Flammable

Safety

- Wear suitable clothing and eye protection.
- Do not breathe dust.
- Keep magnesium ribbon locked away.
- Avoid skin contact.



FIRST AID

Swallowed	Rinse mouth with water.
Eye	Wash with running water.
Skin	Wash with water and soap. Immerse burnt skin in cold running water for 15 minutes. Bandage lightly. Seek medical attention.
Inhaled	Blow nose. Rinse mouth with water.

CONCLUSION

- 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 tongs, crucible and matches are placed on a heatproof mat.
- Allow all equipment to cool before dismantling.
- Keep burning magnesium away from eyes.
- Warn students not to look directly at burning magnesium.

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.