



## SAFETY DATA SHEET

Date of issue: 16/12/02

### 1. Identification of the substance/preparation and of the company/undertaking

#### *Identification of the product*

Catalogue No: 29086

ID No.: 2908600

Product name: **Magnesium ribbon GPR**

Use of the substance/preparation: General chemical reagent

#### *Manufacturer/supplier identification*

Company: VWR International Ltd., Hunter Boulevard, Lutterworth,  
Leics, LE17 4XN, England  
Telephone : + 44 (0) 1455 207000    Telefax : + 44 (0) 1455 558586  
E-mail: product.support@uk.vwr.com

Emergency telephone No.: + 44 (0) 1455 207000

### 2. Hazards identification

Not classified as dangerous according to EC Directives.

### 3. Composition/information on ingredients

#### *Chemical characterization*

Metallic element

Product name: Magnesium metal ribbon

CAS number: 7439-95-4

EC-No.: 231-104-6

Molecular formula: Mg = 24.31 g/mol

### 4. First-aid measures

- Eye contact: Irrigate thoroughly with water for at least 10 minutes. OBTAIN MEDICAL ATTENTION.
- Inhalation: Remove from exposure, rest and keep warm. In severe cases obtain medical attention.
- Skin contact: Wash off skin thoroughly with water. Remove contaminated clothing and wash before re-use. Unless contact has been slight, OBTAIN MEDICAL ATTENTION.
- Ingestion: Wash out mouth thoroughly with water and give plenty of water to drink. OBTAIN MEDICAL ATTENTION.

### 5. Fire-fighting measures

#### *Special risks:*

Flammable.

#### *Suitable extinguishing media:*

USE ONLY dry powder or sand

Do not use: Water, foam.

## 6. Accidental release measures

Wear appropriate protective clothing. Shut off all sources of ignition.

Mix with dry sand, transfer carefully to container and arrange removal by disposal company. Wash site of spillage thoroughly with water and detergent.

For large spillages liquids should be contained with sand or earth and both liquids and solids transferred to salvage containers. Any residues should be treated as for small spillages.

## 7. Handling and storage

### *Handling:*

Keep away from sources of ignition and heat.

### *Storage:*

Store at room temperature (15 to 25°C recommended). Keep well closed and protected from direct sunlight and moisture.

## 8. Exposure controls/personal protection

### *UK Exposure Limits:*

None assigned

### *Personal protective equipment:*

As appropriate to the situation and the quantity handled.

- Respirator: Respiratory protection is not normally required.
- Ventilation: Fume cupboard, flameproof
- Gloves: Rubber or plastic
- Eye Protection: Goggles or face-shield
- Other Precautions: Plastic apron, sleeves, boots - if handling large quantities

## 9. Physical and chemical properties

### *General information:*

Form:	solid
Colour:	silvery
Odour:	odourless

### *Health, safety and environmental information:*

Melting temperature	651°C
Boiling temperature	1100°C
Density(g/ml)	1.7
Solubility in water	Immiscible or insoluble
Flash point	Not applicable
Explosion limits: lower:	Not applicable
Auto-ignition temperature	>500°C

## 10. Stability and reactivity

Stable.

Substances to be avoided

oxidizing agents, acids, bases, fluorine, halogenated hydrocarbons, halogens, alcohols.

The possibility of reaction with other substances cannot be excluded.

## 11. Toxicological information

Hazardous properties are relatively improbable. The product should be handled with the care usual when dealing with chemicals.

### *Further data*

No data

We have no evidence of carcinogenic effects. We have no evidence of mutagenic or teratogenic effects.

## 12. Ecological information

The following applies to magnesium compounds in general: lethal for fish 100-400 mg/l.

## 13. Disposal considerations

Chemical residues are generally classified as hazardous or special waste, and as such are covered by regulations which vary according to location. Contact your local waste disposal authority for advice, or pass to a chemical disposal company. Rinse out empty containers thoroughly before returning for recycling.

## 14. Transport information

UN-No.: 1869

Class: 4.1

Packaging group: III

Proper shipping name: MAGNESIUM

## 15. Regulatory information

### *Labelling according to EC directives*

Not classified as dangerous according to EC Directives.

EC-No.: 231-104-6

### *Local Regulations*

## 16. Other information

Revision.

Supersedes edition of: 05/07/01  
Reason for alteration: Changes in Section :,15

Date of issue: 16/12/02  
Date of print: 19/12/07