



TECHNO PHARMCHEM

An ISO 9001 : 2008 Certified Company

Registered Off. : 101-A, Deep Enclave, Pocket "D", Ashok Vihar, Phase-III, Delhi-110 052 (India)
Corporate Off. : 152, Vardhman City Centre, Near Shakti Nagar Underbridge, Delhi-110052 (India)
Works : Plot No.1022, Modern Industrial Estate, Bahadurgarh-124507, Haryana (India)
Telephone : 0091 - 11 - 23646422 E-mail : tecpharm@gmail.com
Website : www.technopharmchem.com

MAGNESIUM RIBBON MATERIAL SAFETY DATA SHEET

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Product form : Substance
CAS-No. : 7439-95-4
Product code : 32086

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.2.1. Relevant identified uses

Industrial/professional use spec : Industrial
For professional use only
Use of the substance/mixture : Laboratory Reagent

1.2.2. Uses advised against

No additional information available

1.3. Details of the manufacturer of the safety data sheet

Techno Pharmchem
Plot No.1022, Modern Industrial Estate,
Bahadurgarh-124507, India
info@technopharmchem.com

1.4. Emergency telephone number

Emergency number: +91 11 23646422 (9:30am – 5.30pm)

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification according to regulation (EC) No. 1272/2008[CLP]

Flammable Solids, H228

Category 1

Substances and Mixtures H260

which, in contact with
water, emit flammable
gases, Category 1

Full text of classification categories and H statements : see section 16

Classification according to directive 67/548/EEC or 1999/45/EC

F; R15

F; R17

Full text of R-phrases: see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

Labeling according to regulation (EC) No. 1272/2008 [CLP]

Signal word (CLP)	:	Danger
Hazard statements (CLP)	:	H228 – Flammable Solid H260 - In contact with water releases flammable gases which may ignite spontaneously
Precautionary statements (CLP)	:	P222 - Do not allow contact with air P223 - Keep away from any possible contact with water, because of violent reaction and possible flash fire P231+P232 - Handle under inert gas. Protect from moisture P370+P378 - In case of fire: Use ... for extinction P422 - Store contents under...

2.3. Other hazards

No additional information available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

Name	:	Magnesium Ribbon
CAS-No.	:	7439-95-4
Full text of R- and H-statements:	see section 16	

3.2. Mixtures

Not applicable

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

First-aid measures after inhalation	:	Remove person to fresh air and keep comfortable for breathing. Give oxygen or artificial respiration if necessary. If you feel unwell, seek medical advice.
First-aid measures after skin contact	:	Brush off loose particles from skin. Immerse in cool water/wrap in wet bandages.
First-aid measures after eye contact	:	Remove contact lenses, if present and easy to do. Continue rinsing. Rinse cautiously with water for several minutes. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	:	Rinse mouth out with water. If you feel unwell, seek medical advice.

4.2. Most important symptoms and effects, both acute and delayed

No additional information available

4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

SECTION 5: FIRE FIGHTING MEASURES

5.1. Extinguishing media

- Suitable extinguishing media : dry chemical powder, alcohol-resistant foam, carbon dioxide (CO₂).
- Unsuitable extinguishing media : Do not use extinguishing media containing water.

5.2. Special hazards arising from the substance or mixture

No additional information available

5.3. Advice for firefighters

- Protection during firefighting : Do not attempt to take action without suitable protective equipment.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Do not allow contact with air.

6.1.1. For non-emergency personnel

- Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

- Protective equipment : Use personal protective equipment as required.
- Emergency procedures : Stop release.

6.2. Environmental precautions

Do not allow water (or moist air) contact with this material.

6.3. Methods and material for containment and cleaning up

- Methods for cleaning up : Clean up immediately by sweeping or vacuum.

6.4. Reference to other sections

No additional information available

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

- Additional hazards when processed : Handle empty containers with care because residual vapours are flammable. Catches fire spontaneously if exposed to air. Keep away from any possible contact with water.
- Precautions for safe handling : No naked lights. No smoking. Do not allow contact with air. Protect from moisture. Handle under inert gas.
- Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.



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7.2. Conditions for safe storage, including any compatibilities

Technical measures	:	Store contents under ...
Storage conditions	:	Store in a dry place. Protect from moisture.
Incompatible materials	:	Heat sources. Keep away from any possible contact with water, because of violent reaction and possible flash fire.

7.3. Specific end use (S)

No additional information available

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

No additional information available

8.2. Exposure controls

Hand protection	:	Protective gloves
Eye protection	:	Chemical goggles or safety glasses
Skin and body protection	:	Wear suitable protective clothing
Respiratory protection	:	Wear appropriate mask

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state	:	Solid
Molecular mass	:	24.31 g/mol
Color	:	Silver white.
Odor	:	odourless.
Odor threshold	:	No data available
pH	:	No data available
Relative evaporation rate (butylacetate=1)	:	No data available
Melting Point	:	648°C
Freezing point	:	No data available
Boiling point	:	1100°C
Flash point	:	No data available
Auto-ignition temperature	:	473°C
Decomposition temperature	:	No data available
Flammability (Solid, gas)	:	Flammable
Vapor pressure	:	No data available
Relative vapor density at 20°C	:	No data available
Relative density	:	No data available
Density	:	1.74 g/cm ³
Solubility	:	Water: insoluble in water
Log pow	:	No data available
Viscosity, kinematic	:	No data available
Viscosity, dynamic	:	No data available
Explosive properties	:	No data available
Oxidizing properties	:	No data available
Explosive limits	:	No data available



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9.2. Other information

No additional information available

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

No additional information available

10.2. Chemical Stability

Catches fire spontaneously if exposed to air.

10.3. Possibility of hazardous reactions

In contact with water releases flammable gases which may ignite spontaneously.

10.4. Conditions to avoid

Do not allow contact with air. Open flame. Overheating. Direct sunlight. Heat. Sparks.

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

No additional information available

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute toxicity	:	Not classified
Skin corrosion/irritation	:	Not classified
Serious eye damage/irritation	:	Not classified
Respiratory or skin sensitization	:	Not classified
Germ cell mutagenicity	:	Not classified
Carcinogenicity	:	Not classified
Reproductive toxicity	:	Not classified
Specific target organ toxicity (single exposure)	:	Not classified
Specific target organ toxicity (repeated exposure)	:	Not classified
Aspiration hazard	:	Not classified

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

No additional information available

12.2. Persistence and degradability

No additional information available

12.3. Bio accumulative potential

No additional information available



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12.4. Mobility in soil

No additional information available

12.5. Results of PBT AND vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Product/packaging disposal recommendations : Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

SECTION 14: TRANSPORT INFORMATION

14.1 UN number

ADR/RID: - 1869 IMDG: - 1869 IATA: - 1869

14.2 UN Proper shipping name

ADR/RID : Magnesium Ribbon
IMDG : Magnesium Ribbon
IATA : MAGNESIUM RIBBON

14.3 Transport Hazard class(es)

ADR/RID: - 4.1 IMDG: - 4.1 IATA: - 4.1

14.4 Packaging group

ADR/RID: - III IMDG: - III IATA: - III

14.5 Environmental hazards

ADR/RID: no IMDG Marine pollutant: no IATA: no

14.6 Special precautions for user

No data available

SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Ensure all local, regional, national and/or international regulations are observed.

15.2 Chemical safety Assessment

For this product a chemical safety assessment was not carried out.



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SECTION 16: OTHER INFORMATION

Full text of H-Statements referred to under sections 2 and 3.

H228 Flammable solid.

H260 In contact with water releases flammable gases which may ignite spontaneously

The information contained herein in good faith but makes no representations as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. We do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose.