Material Safety Data Sheet

Magnesium Chloride Standard Solution (RXSOL-60-6269-100)

1. Product and Company Identifaction

Product Name	Magnesium Chloride Standard Solution
Product Type	RXSOL-60-6269-100

Company Details:

RX MARINE INTERNATIONAL
105, A wing , BSEL , TECH PARK.
VASHI ,NEW BOMBAY 400703 INDIA

Stock Point : Mumbai, Kandla, Kolkata, Chennai, Vizag, Fujairah, Muscat

Phone	+91 22 65113333 / 5555 / 9999
Fax	+91 22 2781 1318 :::AOH :0091 9821214367
Email	mail@rxmarine.com

2. Composition / informationon ingredients

SARA 313 Component	CAS Number	Percent Comp.	Dimension	Exposure Limits
Magnesium Chloride Hexahydrate	CAS# 7791-18-6	0.1 -	W/V	TXDS: orl-rat LD••: 8100mg/Kg
Water, Deionized ASTM Type II	CAS# 7732-18-5	Balance	V/V	None Established

3. Hazards Identification

May be harmful if swallowed. May cause irritation. Avoid breathing vapors, or dusts. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes.
Wash thoroughly after handling.

Emergency Overview: Large Doses may Cause Gastrointestinal Upset.

Inhalation: No Adverse Health Effects Expected from Inhalation

Ingestion: Large Doses may Cause Gastrointestinal Upset.

Skin: No Adverse Effects Expected.

Eye Contact: No Adverse Effects Expected.

Chronic Exposure: No Information Found.

Aggravated by Exposure: No Information Found.

4. First Aid Measures

May be harmful if swallowed. May cause irritation. Avoid breathing vapors, or dusts.Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling.

SKIN:	Wash exposed area with soap and water. If irritation persists, seek medical attention.
EYES:	Wash eyes with plenty of water for at least 15 minutes, lifting lids occasionally.Seek Medical Aid.
INHALATION:	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen If large amounts are swallowed give water to drink and seek medical aid.

5. Fire-fighting Measures

Fire Extinguisher Type: Any means suitable for extinguishing burning may produce toxic fumes.

Fire / Explosion Hazards:

Fire Fighting Procedure: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and clothing.

6. Accidental Release Measures

Absorb spill with inert material. Flush excess down drain.Ventilate Area of Leak or Spill. Keep Unnecessary and Unprotected People away from area of spill. Wear Appropriate Personal Protective Equipment as Specified on Section 7. Collect Liquid in an Appropriate Container or Absorb with an Inert Meterial (e.g., Vermiculite, Dry Sand, Earth), nd Place in a Chemical Waste Container. Do Not Use Combustible Materials,

7. Handling and Storage

Store in a cool, dry place. Handle using safe laboratory practices.

8. Exposure controls and personal protection

Respiratory Protection	None required
Ventilation	Local
OTHER	Mechanical
Protective Gloves	Gloves to prevent skin exposure as rubber or vinyl
EYE PROTECTION	Splash Goggles
Other Protective Equipment	Wear appropriate clothing to prevent skin exposure

9. Physical and chemical properties

BOILING POINT	~100°C
VAPOR PRESSURE	not available
MELTING POINT	~0°C
VAPOR DENSITY	not available
EVAPORATION RATE	information not available
Appearance /Odors	Clearless liquid,odorless
Flash Point	Not applicable
Specific Gravity	~1.0

Percent Volatile by Evaporation Standard	>99
Auto Ignition Temp	Not applicable
Lower Flamm. Limit in Air	Not applicable
Upper Flamm. Limit in Air	Not applicable
Solubility in Water	Soluble

10. Stability and reactivity

STABILITY	Stable
CONDITIONS TO AVOID	Temperature extremes
MATERIALS TO AVOID	Strong acids, strong bases
HAZARDOUS DECOMPOSITION PRODUCTS	None known
HAZARDOUS POLYMERIZATION	will not occur
Conditions to Avoid	None known

11. Toxicological information

Carcinogenic References: NTP Carcinogen - Known: No, IARC Category - None\

12. Ecological information

Environmental Fate: No Information Found

Environmental Toxicity: No Information Found

13. Disposal considerations

Whatever cannot be saved for recovery or recycling should be handled as hazardous waste and sent to a RCRA approved incinerator or disposed
in a RCRA approvedd waste facility.Processing, use or contamination of this product may change the waste management options.State and local
disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and
local requirements. Do not flush in sewer.

14. Transport information

DOT Classification: Not Regulated

DOT Regulations may change from time to time. Please consult the most recent D.O.T. regulations.

15. Regulatory information

CAS# 7791-18-6 is not on the TSCA Inventory. It is a hydrate and exempt from TSCA Inventory requirements (40CFR720.3(u)(2)).

16. Other information

Overexposure symptoms. Acute: Ingestion of large doses may cause gastrointestinal upset. Possible irritation of eyes/stomach.Chronic: None known.
Conditions aggravated/Target organs: none

Flammability

Health Reactivity

Revisions	NFPA
	0
8/2/2010	0.1 updated msds to 16 section from 10 section msds. STN

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