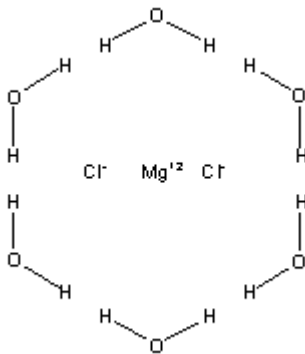


MATERIAL SAFETY DATA SHEET

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SECTION 1: Identification of the substance/mixture and of the company/undertaking
1.1 Product identifiers:

Product form : Substance
 Substance name : MAGNESIUM CHLORIDE HEXAHYDRATE
 CAS No : 7791-18-6
 Formula : MgCl₂.6H₂O


1.2 Relevant identified uses of the substance or mixture and uses advised again

Use of the substance/mixture : For laboratory and manufacturing use only.
 Recommended use : Laboratory chemicals
 Restrictions on use : Not for food, drug or household use

1.3 Details of the supplier of the safety data sheet




Company : Sujata Nutri-Pharma Pvt.Ltd.
 875/2 GIDC Estate Makarpura Vadodara 390010, Gujarat , India
 Telephone : 0265-3500351
 Website : www.sujatanutripharma.com
 Email : info@sujatanutripharma.com

1.4 Emergency telephone number

Emergency telephone : 02652630282 (9:00 to 6:00) office hours only

SECTION 2: Hazards identification
2.1 Classification of the substance or mixture

GHS-US classification
 Not classified

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875/2, GIDC Estate, Makarpura, Vadodara-390010

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2.2 Label elements

Not classified as a hazardous chemical.

Other hazards not contributing to the classification : None under normal conditions.

2.4. Unknown acute toxicity (GHS US) Not applicable

SECTION 3: Composition/information on ingredients

3.1 Substances

Substance type : Mono-constituent

Name Product : Magnesium Chloride, Hexahydrate (Main constituent)

Identifier : (CAS-No.)7791-18-6

% : 100

GHS-US Classification Not classified

Full text of hazard classes and H-statements : see section 16

Section 4: First Aid Measures

4.1 Description of first aid measures

First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

First-aid measures after inhalation : Allow victim to breathe fresh air. Allow the victim to rest.

First-aid measures after skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.

First-aid measures after eye contact : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists.

First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms/effects : Not expected to present a significant hazard under anticipated conditions of normal use.

4.3 Immediate medical attention and special treatment, if necessary

Obtain medical assistance.

SECTION 5: Fire Fighting Measures

5.1 Extinguishing media

Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.




Unsuitable extinguishing media : Do not use a heavy water stream.

5.2 Special hazards arising from the substance or mixture

No additional information available

5.3 Advice for firefighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when

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fighting any chemical fire. Prevent fire-fighting water from entering environment.
Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Protective equipment : Safety glasses.

Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.

Emergency procedures : Ventilate area

6.2 Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3 Methods and materials for containment and cleaning up

Methods for cleaning up : On land, sweep or shovel into suitable containers. Minimize generation of dust.

Store away from other materials

6.4 Reference to other sections

See Heading 8. Exposure controls and personal protection.

Section 7: Handling and Storage

7.1 Precautions for safe handling

Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor.

7.2 Conditions for safe storage, including any incompatibilities

Store at ambient/room temperature away from sunlight in a tightly closed condition.

7.3 Specific end uses

no data available

Section 8: Exposure Controls/Personal Protection

8.1 Control parameters




No additional information available

8.2 Exposure controls

Appropriate engineering controls : Emergency eye wash fountains should be available in the immediate vicinity of any potential Exposure

8.3. Individual protection measures/Personal protective equipment

Personal protective equipment:

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Safety glasses.

Hand protection:

Wear protective gloves

Eye protection:

Chemical goggles or safety glasses

Respiratory protection:

Respiratory protection not required in normal conditions

Other information:

Do not eat, drink or smoke during use.

Section 9: Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Physical state : Solid

Color : white

Odor : None.

Odor threshold : No data available

pH : No data available

Melting point : 116 - 118 °C

Freezing point : No data available

Boiling point : No data available

Flash point : No data available

Relative evaporation rate (butyl acetate=1) : No data available

Flammability (solid, gas) : Non flammable.

Vapor pressure : No data available

Relative vapor density at 20 °C : No data available

Relative density : No data available

Specific gravity / density : 1.569 g/cm³

Solubility : Soluble in water. Soluble in ethanol.

Water: 167 g/100ml

Log Pow : No data available

Auto-ignition temperature : No data available

Decomposition temperature : 116 - 118 °C

Viscosity, kinematic : No data available

Viscosity, dynamic : No data available

Explosion limits : No data available

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Explosive properties : No data available
Oxidizing properties : No data available

9.2 Other safety information

No additional information available

Section 10 : Stability and Reactivity Data

10.1 Reactivity

No additional information available

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

Not established

10.4 Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

10.5 Incompatible materials

silver nitrate.

10.6 Hazardous decomposition products

Hydrogen chloride

Section 11 : Toxicological Information

Likely routes of exposure : Skin and eye contact; Inhalation

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

Potential Adverse human health effects and symptoms : Based on available data, the classification criteria are not met.

Section 12 : Ecological Information

12.1 Toxicity

No additional information available

12.2 Persistence and degradability

no data available

12.3 Bioaccumulative potential

no data available

12.4 Mobility in soil

no data available

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12.5 Other adverse effects

Other information : Avoid release to the environment.

Section 13 : Disposal Considerations

13.1 Waste treatment methods

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.
Ecology - waste materials : Avoid release to the environment.

Section 14 : Transport Information

Department of Transportation (DOT)

In accordance with DOT
Not regulated

Section 15: Other Regulatory Information

Magnesium Chloride, Hexahydrate (7791-18-6)

Not listed on the United States TSCA (Toxic Substances Control Act) inventory
All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory except for:
Magnesium Chloride, Hexahydrate
CAS-No. 7791-18-6
100%

15.2. International regulations

CANADA

Magnesium Chloride, Hexahydrate (7791-18-6)

Not listed on the Canadian DSL (Domestic Substances List)

EU-Regulations

No additional information available

National regulations

Magnesium Chloride, Hexahydrate (7791-18-6)

Not listed on the Canadian IDL (Ingredient Disclosure List)

15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

Section 16 : Other Information

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Revision date: 02-05-2022

Other information: None.

NFPA health hazard : 0 - Materials that, under emergency conditions, would offer no hazard beyond that of ordinary combustible materials.

NFPA fire hazard : 0 - Materials that will not burn under typical dire conditions, including intrinsically

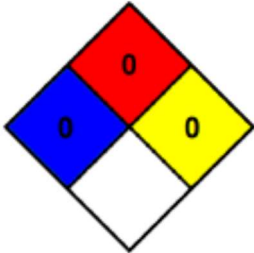
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noncombustible materials such as concrete, stone, and sand.

NFPA reactivity : 0 - Material that in themselves are normally stable, even under fire conditions.



Hazard Rating

Health : 0 Minimal Hazard - No significant risk to health




Flammability : 0 Minimal Hazard - Materials that will not burn

Physical : 0 Minimal Hazard - Materials that are normally stable, even under fire conditions, and will NOT react with water, polymerize, decompose, condense, or self-react. Non-Explosives.

Personal protection : A, A - Safety glasses

Further information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Sujata Nutri-Pharma Pvt. Ltd. shall not be held liable for any damage resulting from handling or from contact with the above product.

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