

MATERIAL SAFETY DATA SHEET

SECTION 1 - Product and Company Information

Product name: 25 mM MgCl₂
Company: Abnova (Taiwan) Corporation
Address: 3F, No.132, Siyuan Rd., Jhongli City, Taoyuan County, 320 Taiwan.
Telephone: +886-3-4336988
Fax: +886-3-4336669

SECTION 2 - Hazards Identification

Hazard description: Not applicable.
Information concerning particular hazards for human and environment: Not applicable
Classification system: Based on Regulation (EC) No 1272/2008 on the Classification, Labeling and Packaging of substances and mixtures.

SECTION 3 - Composition/Information on Ingredient

The product contains no substances which at their given concentration, are considered to be hazardous to health.

SECTION 4 - First aid measures

Eyes: Rinse opened eye immediately with plenty of water. If irritation persists, get medical attention.
Skin: Wash off immediately with plenty of soap and water. If irritation develops, get medical attention.
Ingestion: Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person.
Inhalation: Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.
Notes to Physician: Treat symptomatically and supportively.

SECTION 5 - Fire fighting measures

Fire Extinguisher Type: Dry chemical, CO₂, water spray or alcohol resistant foam.
Fire/Explosion hazards: Not applicable
Protective equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes

SECTION 6 - Accidental release measures

Personal precautions:	Use personal protective equipment. Ensure adequate ventilation.
Environmental precautions:	Do not allow to enter surface/ sewers or ground water. Prevent further leakage or spillage if safe to do so.
Methods for cleaning up:	Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

SECTION 7 - Handling and storage

Handling:	No special measures are required for safe handling of this product.
Storage:	No special precautions required. Store at -20°C.

SECTION 8 - Exposure Controls

Exposure limits	The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace. Do not eat, drink or smoke when handling this product. Wash thoroughly after handling.
Eye:	Wear protective goggles.
Hand:	Wear appropriate protective gloves to prevent skin exposure.
Skin:	Wear appropriate protective clothing to prevent skin exposure.
Respirators:	Not required.

SECTION 9 - Physical and chemical properties

Appearance:	Liquid
pH:	7.0-7.5
Boiling point:	Not available
Vapor density:	Not available
Vapor pressure:	Not available
Density (g cm⁻³):	Not available
Flash point:	Not available
Explosion limits:	Not available
Auto ignition temperature:	Not available

SECTION 10 - Stability and reactivity

Stability:	Stable.
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Conditions to avoid:	None, if used according to specifications.
Materials to avoid:	Sodium/sodium oxides
Hazardous decomposition products:	Sulfur dioxides, Magnesium oxide.

SECTION 11 - Toxicological information

Epidemiology:	No information found
Teratogenicity:	No information found
Reproductive Effects:	No information found
Mutagenicity:	No information found
Neurotoxicity:	No information found

SECTION 12 - Ecological information

Not available

SECTION - 13 Disposal Considerations

Waste must be disposed of in accordance with federal, state and local environmental control regulations.

SECTION 14 - Transport information

This substance is considered non-hazardous for transport.

SECTION 15 - Regulatory information

The product does not contain a hazardous ingredient in an amount that requires identification and labeling according to EC directives.

SECTION 16 - Other 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. Abnova shall not be held liable for any damage resulting from handling or from contact with the above product.