

Date of issue/ Date of revision : 07/18/2019
Date of previous issue : 00/00/0000
Version : 1.0

SAFETY DATA SHEET

Cal Mag Plus 2-0-0

Section 1. Identification

GHS product identifier : Cal Mag Plus 2-0-0
Product type : Solid, Fertilizer

Uses

Area of application : Not Applicable

Supplier

Supplier's details : Greenway Biotech, Inc.

Address

Street : 10632 Painter Ave
Postal code : 90670
City : Santa Fe Springs
Country : United States

Telephone number : +1 562-351-5168

e-mail address of person responsible for this SDS : sales@greenwaybiotech.com

Emergency telephone number (with hours of operation) : US: Chemtrec 24-hours Emergency Response: 1-800-424-9300
Canada: 24 Hour Emergency Service, (Canutec 613-996-6666)

National advisory body/Poison Center

Name : The National Poisons Emergency number
Telephone number : 1 800 222 1222

Section 2. Hazards identification

OSHA/HCS Status: While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of the product.

Classification of the substance or mixture : Not classified

GHS Label Elements

Signal word : None

Hazard statements	:	No known significant effects or critical hazards
Precautionary Statements		
General	:	Read label before use. Keep out of reach of children. If medical advice is needed, have product label at hand.
Prevention	:	Not applicable
Response	:	Not applicable
Storage:	:	Not applicable
Disposal	:	Not applicable
Supplemental label elements	:	None known
Hazards not otherwise classified	:	None known

Section 3. Composition/information on ingredients

Substances/mixture	:	Mixture
Chemical name	:	None available

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First aid measures

Eye Contact: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.

Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.

Skin contact: Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

Ingestion: Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Don't induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

Most important symptoms/effects, acute and delayed Potential acute health effects

Eye contact	:	No known significant effects critical hazards.
Inhalation	:	No known significant effects or critical hazards.
Skin Contact	:	No known significant effects or critical hazards.

Ingestion : No known significant effects or critical hazards.

Over-exposure signs/symptoms

Eye contact : No specific data

Inhalations : No specific data

Skin contact : No specific data

Ingestion : No specific data

Indication of immediate medical attention and special treatment needed, if necessary

Notes to physician : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

Specific treatments : No specific treatment.

Protection of first-aiders : No actions shall be taken involving any personal risk or without suitable training.

See toxicological information (section 11)

Section 5. Fire Fighting Measures

Extinguishing Media

Suitable extinguishing media: Use an extinguishing agent suitable for the surrounding fire.

Unsuitable extinguishing: None known.

Specific hazards arising from the chemical: No specific fire or explosion hazards.

Hazardous thermal decomposition products: Decomposition products may include the following materials: Carbon dioxide, Carbon monoxide, Nitrogen oxides, Halogenated compounds, Metal oxide/oxides

Special protective actions for fire-fighters: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Fire-Fighters should wear appropriate protective equipment and self contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: Not applicable

For emergency responders: Not applicable

Environmental precautions: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains, and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods and materials for containment and cleaning up

Spill: Move containers from spill area. Prevent entry into sewer, water course, basements or confined

areas. Vacuum or sweep up material and place in a designated, labeled water container. Dispose of via a licensed waste disposal contractor. Note: Section 1 for emergency contact information and Section 13 for waste disposal.

Section 7. Handling and storage

Protective measures: Put on appropriate personal protective equipment (see section 8).

Advice on general occupational hygiene: Eating, drinking and smoking should be prohibited in areas where this material is handled, stored, and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas, See also Section 8 for additional information on hygiene measures.

Conditions for safe storage, including any incompatibilities: Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

Section 8. Exposure controls / personal protection

Occupational exposure limits: None.

Appropriate engineering controls: Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Environmental exposure controls: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of section 7. Handling and Storage Section 8. Exposure Controls/ Personal Protection environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Individual protection measures

Hygiene measures: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure the eyewash stations and safety showers are close to the workstation locations.

Eye/face protection: Safety eyewear complying with an approved standard should be used when a risk assessment should be used when a risk assessment indicated this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

Skin Protection

Hand protection: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

Body protection: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Other skin protection: Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved by a specialist before handling this product.

Respiratory: Use a properly fitted, particulate filter respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazard of the product and the safe working limits of the selected respirator.

Section 9. Physical and chemical properties

Physical State	:	Solid (crystalline powder)
Color	:	White to light yellow, and brown
Odor	:	Fertilizer
Odor threshold	:	Not available
pH	:	Not available
Melting point	:	Not available
Boiling point	:	Not available
Flash point	:	Not available
Evaporation rate	:	Not available
Flammability (solid, gas)	:	Not available
Lower & Upper explosive (flammable) limits	:	Lower: Not available Upper: Not available
Vapor pressure	:	Not available
Vapor density	:	Not available
Relative density	:	Not available
Solubility	:	Not available
Partition coefficient	:	Not available
Auto-ignition temperature	:	Not available
Decomposition temperature	:	Not available
Viscosity	:	Dynamic: Not available Kinematic: Not available

Section 10. Stability and Reactivity

Reactivity: No specific test related to reactivity available for this product or its ingredients

Chemical stability: The product is stable

Possibility of hazardous reactions: Under normal conditions of storage and use hazardous reactions will not occur

Conditions to avoid: No specific data

Incompatible materials: No specific data

Hazardous decomposition products: Under normal conditions of storage and use hazardous decomposition products should not be produced.

Section 11. Toxicological information

Information on toxicological effects

Conclusion/Summary: No known significant effects or critical hazards

Irritation/Corrosion

Conclusion/Summary

Skin: May cause skin irritation

Eyes: May cause eye irritation

Respiratory: May cause respiratory irritation

Sensitization

Conclusion/Summary

Skin: Not sensitizing – based on the individual components.

Respiratory: Not sensitizing – based on the individual components.

Mutagenicity

Conclusion/Summary: No known significant effects or critical hazards.

Carcinogenicity

Conclusion/Summary: No known significant effects or critical hazards.

Reproductive toxicity

Conclusion/Summary: No known significant effects or critical hazards.

Teratogenicity

Conclusion/Summary: No known significant critical hazards

Specific target organ toxicity (single exposue)

Specific target organ toxicity (repeated exposure) Aspiration Hazard

Information on the likely route of exposure: Not available

Potential chronic health effects

Conclusion/Summary: No known significant effects or critical hazards

General: No known significant effects or critical hazards

Carcinogenicity: No known significant effects or critical hazards

Mutagenicity: No known significant effects or critical hazards

Teratogenicity: No know significant effects or critical hazards

Developmental effects: No known significant effects or critical hazards

Fertility effects: No known significant effects or critical hazards.

Section 12. Ecological Information

Toxicity: Not available

Persistence and Degradability: No known significant effects or critical hazards.

Mobility in soil: No known significant effects or critical hazards.

Soil/water partition coefficient (KOC): Not available

Section 13. Disposal Considerations

Disposal Methods: The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Section 14. Transportation Information

Regulation: UN Class

14.1 UN Number	:	Not Regulated
14.2 UN Proper shipping name	:	Not Available
14.3 Transport hazard class(es)	:	Not Available
14.4 Packing group	:	Not Available
14.5 Environmental hazards	:	No
14.6 Additional information Environmental Hazards	:	No

Regulation: IMDG

14.1 UN Number	:	Not Regulated
14.2 UN proper shipping name	:	Not Regulated
14.3 Transport hazard class(es)	:	Not Available
14.4 Packing group	:	Not Available
14.5 Environmental hazards	:	No.
14.6 Additional information Marine pollutant	:	No.

Regulation: IATA

14.1 UN Number	:	Not Regulated
14.2 Proper shipping name	:	Not Available
14.3 Transport hazard class(es)	:	Not Available
14.4 Packing group	:	Not Available
14.5 Environmental hazards	:	No
14.6 Additional information	:	No

Regulation: DOT Classification

14.1 UN Number	:	Not Regulated
14.2 UN Proper shipping name	:	Not available
14.3 Transport hazard class(es)	:	Not Available
14.4 Packing group	:	Not Available
14.5 Environmental hazards	:	No
14.6 Additional information Environmental hazard	:	No

Regulation: TDG Class

14.1 UN Number	:	Not Regulated
14.2 Un Proper shipping name	:	Not available
14.3 Transport hazard class(es)	:	Not available
14.4 Packing group	:	Not Available
14.5 Environmental hazards	:	No
14.6 Additional information Environmental hazards	:	No

Remark : NOT A DOT REGULATED PRODUCT.

Section 15. Regulatory information

Signal word: No signal word

Emergency Overview: Keep out of reach of children

U.S Federal regulations: United States inventory (TSCA 8b): Not determined

State regulations/ International lists/ National inventory:

Australia	:	At least one component is not listed
Canada	:	At least one component is not listed
China	:	At least one component is not listed
Europe	:	At least one component is not listed
Japan	:	At least one component is not listed
Malaysia	:	Not determined
New Zealand	:	At least one component is not listed
Philippines	:	At least one component is not listed
Korea	:	At least one component is not listed
Taiwan	:	Not determined

Section 16. Other information

National Fire Protection Association (U.S.A)

Flammability	:	Zero
Health	:	Zero
Instability/Reactivity	:	Zero
Special	:	None

History

Date of issue: 07/18/2019

Notice to the reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.