



Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 05.15.2019

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GM MAGNESIUM EDTA 6%

SECTION 1: Identification

Product identifier

Product name: GM MAGNESIUM EDTA 6%

Recommended use of the product and restriction on use

Relevant identified uses: Fertilizer

Uses advised against: Fertilizer

Reasons why uses advised against: Not determined or not applicable.

Manufacturer or supplier details

Manufacturer:

United States

GROW MORE INC

15600 NEW CENTURY DR.

GARDENA, CA 90248

3105151700

admin@growmore.com

www.growmore.com

Emergency telephone number:

SECTION 2: Hazard(s) identification

GHS classification:

Eye irritation, category 2A

Skin sensitization, category 1

Label elements

Hazard pictograms:



Signal word: Warning

Hazard statements:

H319 Causes serious eye irritation

H317 May cause an allergic skin reaction

Precautionary statements:

P264 Wash hands thoroughly after handling

P280 Wear protective gloves/protective clothing/eye protection/face protection

P261 Avoid breathing dust/fume/gas/mist/vapors/spray

P272 Contaminated work clothing must not be allowed out of the workplace

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

P337+P313 If eye irritation persists: Get medical advice/attention

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P302+P352 IF ON SKIN: Wash with plenty of water/ ...
P333+P313 If skin irritation or rash occurs: Get medical advice/attention
P321 Specific treatment (see ... on this label)
P363 Wash contaminated clothing before reuse
P501 Dispose of contents/container to...

Hazards not otherwise classified: None

SECTION 3: Composition/information on ingredients

Identification	Name	Weight %
CAS number: 7732-18-5	Water	10-20
CAS number: 14402-88-1	Magnesium EDTA 6%	80-90

Additional Information:

The exact percentages of the ingredients of this mixture are considered to be proprietary and are withheld in accordance with the provisions of paragraph (i) of §1910.1200 of 29 CFR 1910.1200 Trade Secrets.

SECTION 4: First aid measures

Description of first aid measures

General notes:

Show this Safety Data Sheet to the doctor in attendance

After inhalation:

Remove source of exposure or move person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CENTER or doctor

After skin contact:

If skin irritation or rash occurs and persists: seek medical advice/attention
In case of contact, immediately flush skin with soap and water. If irritation occurs, consult a physician

After eye contact:

Immediately flush eyes, under eyelids with water for 15 minutes. Remove contact lenses, if present to do so. Protect unexposed eye
If eye irritation persists: seek medical advice/attention

After swallowing:

If experiencing adverse symptoms, contact a POISON CENTER or doctor/physician
If swallowed, DO NOT induce vomiting unless told to do so by physician or poison control center. Rinse mouth with water. Never give anything to drink to an unconscious person. Seek medical advice

Most important symptoms and effects, both acute and delayed

Acute symptoms and effects:

Eye contact may cause serious eye irritation. Symptoms include redness, inflammation, burning, and tearing

Skin: Symptoms may cause irritation, redness, pain and rash. Respiratory: Symptoms may include difficulty breathing, coughing, wheezing and tightness/closure of airway

Delayed symptoms and effects:

Symptoms of poisoning may appear several hours later

Immediate medical attention and special treatment

Specific treatment:

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None known

Notes for the doctor:

Treat symptomatically

SECTION 5: Firefighting measures

Extinguishing media

Suitable extinguishing media:

Alcohol- resistant foam, Dry chemical or Carbon dioxide

Unsuitable extinguishing media:

Do not use water jet as an extinguisher

Specific hazards during fire-fighting:

Evacuate all personnel to a predetermined safe location, no less than 2,500 feet in all directions. Can explode or detonate under fire conditions. Burning material may produce toxic vapors

Special protective equipment for firefighters:

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA)

Special precautions:

Avoid inhaling gases, fumes, mist, dust, vapor or aerosols. Avoid contact with eyes, skin, hair or clothing

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Wear recommended personal protective equipment (See Section 8)

Avoid contact with eyes, skin and clothing. Eliminate all sources of ignition

Ensure adequate ventilation

Shut off all possible sources of ignition and avoid friction and impact

Environmental precautions:

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided

If contamination of sewers or waterways has occurred advise local emergency services

Methods and material for containment and cleaning up:

Contain and soak up spill with absorbent that does not react with spilled product. Place used absorbent into suitable, covered, labelled containers for disposal

Reference to other sections:

For disposal see section 13

SECTION 7: Handling and storage

Precautions for safe handling:

Avoid contact with skin, eyes, and clothing. Follow good hygiene procedures when handling chemical materials. Refer to Section 8. Follow proper disposal methods. Refer to Section 13. Do not eat, drink, smoke, or use personal products when handling chemical substances.

Conditions for safe storage, including any incompatibilities:

Store in a cool, dry, well ventilated place. Store away from sources of heat or ignition. Store away from incompatible materials described in Section 10. Keep containers closed when not in use

SECTION 8: Exposure controls/personal protection

Only those substances with limit values have been included below.

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Occupational Exposure limit values:

Country (Legal Basis)	Substance	Identifier	Permissible concentration
ACGIH	Magnesium EDTA 6%	14402-88-1	8-Hour TWA: 10 mg/m ³ (Inhalable fraction)
	Magnesium EDTA 6%	14402-88-1	8-Hour TWA: 3 mg/m ³ (Respirable fraction)
NIOSH	Magnesium EDTA 6%	14402-88-1	IDLH: 750 mg/m ³
OSHA	Magnesium EDTA 6%	14402-88-1	8-Hour TWA: 5 mg/m ³ (Respirable fraction)
	Magnesium EDTA 6%	14402-88-1	8-Hour TWA: 15 mg/m ³ (Total dust)

Biological limit values:

No biological exposure limits noted for the ingredient(s).

Information on monitoring procedures:

Not determined or not applicable.

Appropriate engineering controls:

Effective ventilation in all processing areas.

Use local exhaust ventilation to maintain airborne concentrations below the TLV.

Personal protection equipment

Eye and face protection:

Safety goggles

Skin and body protection:

Impervious clothing, chemical resistant gloves

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory protection

General hygienic measures:

Handle in accordance with good industrial hygiene and safety measures. Wash hands and face after handling chemical products. Wash hands before eating, drinking and smoking. Wash hands at the end of the workday.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance	White powder
Odor	Odorless
Odor threshold	Not determined
pH	7-7.5 (1% water)
Melting point/freezing point	Decomposes before melting
Initial boiling point/range	Not determined
Flash point (closed cup)	Not applicable
Evaporation rate	Not applicable
Flammability (solid, gas)	This product does not present flammable hazard.
Upper flammability/explosive limit	Not applicable
Lower flammability/explosive limit	>= 40 g/m ³
Vapor pressure	Not applicable

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Vapor density	Not applicable
Density	600-800 kg/m ³
Relative density	No data available
Solubilities	Soluble
Partition coefficient (n-octanol/water)	No data available
Auto/Self-ignition temperature	Product is not self-igniting.
Decomposition temperature	No data available
Dynamic viscosity	No data available
Kinematic viscosity	No data available
Explosive properties	This product is not explosive
Oxidizing properties	This product is not oxidizing hazard

Other information

SECTION 10: Stability and reactivity

Reactivity:

Stable and non-reactive under normal conditions of use, storage and transport.

Chemical stability:

Stable under normal storage and handling conditions.

Possibility of hazardous reactions:

Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to avoid:

Incompatible materials.

Incompatible materials:

Strong oxidizing agents.

Hazardous decomposition products:

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

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SECTION 11: Toxicological information

Acute toxicity

Assessment: Based on available data, the classification criteria are not met.

Product data: No data available.

Substance data: No data available.

Skin corrosion/irritation

Assessment: Based on available data, the classification criteria are not met.

Product data:

No data available.

Substance data: No data available.

Serious eye damage/irritation

Assessment:

Causes serious eye irritation.

Product data:

No data available.

Substance data: No data available.

Respiratory or skin sensitization

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Assessment:

May cause an allergic skin reaction.

Product data:

No data available.

Substance data: No data available.

Carcinogenicity

Assessment: Based on available data, the classification criteria are not met.

Product data: No data available.

Substance data: No data available.

International Agency for Research on Cancer (IARC): None of the ingredients are listed.

National Toxicology Program (NTP): None of the ingredients are listed.

Germ cell mutagenicity

Assessment: Based on available data, the classification criteria are not met.

Product data:

No data available.

Substance data: No data available.

Reproductive toxicity

Assessment: Based on available data, the classification criteria are not met.

Product data:

No data available.

Substance data: No data available.

Specific target organ toxicity (single exposure)

Assessment: Based on available data, the classification criteria are not met.

Product data:

No data available.

Substance data: No data available.

Specific target organ toxicity (repeated exposure)

Assessment: Based on available data, the classification criteria are not met.

Product data:

No data available.

Substance data: No data available.

Aspiration toxicity

Assessment: Based on available data, the classification criteria are not met.

Product data:

No data available.

Substance data: No data available.

Information on likely routes of exposure:

No data available.

Symptoms related to the physical, chemical and toxicological characteristics:

No data available.

Other information:

No data available.

SECTION 12: Ecological information

Acute (short-term) toxicity

Assessment: Based on available data, the classification criteria are not met.

Product data: No data available.

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Substance data: No data available.

Chronic (long-term) toxicity

Assessment: Based on available data, the classification criteria are not met.

Product data: No data available.

Substance data: No data available.

Persistence and degradability

Product data: No data available.

Substance data: No data available.

Bioaccumulative potential

Product data: No data available.

Substance data: No data available.

Mobility in soil

Product data: No data available.

Substance data: No data available.

Other adverse effects: No data available.

SECTION 13: Disposal considerations

Disposal methods: It is the responsibility of the waste generator to properly characterize all waste materials according to applicable regulatory entities

Contaminated packages: Not determined or not applicable.

SECTION 14: Transport information

United States Transportation of dangerous goods (49 CFR DOT)

UN number	Not regulated
UN proper shipping name	Not regulated
UN transport hazard class(es)	None
Packing group	None
Environmental hazards	None
Special precautions for user	None

International Maritime Dangerous Goods (IMDG)

UN number	Not regulated
UN proper shipping name	Not regulated
UN transport hazard class(es)	None
Packing group	None
Environmental hazards	None
Special precautions for user	None

International Air Transport Association Dangerous Goods Regulations (IATA-DGR)

UN number	Not regulated
UN proper shipping name	Not regulated
UN transport hazard class(es)	None
Packing group	None
Environmental hazards	None

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Special precautions for user	None
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SECTION 15: Regulatory information

United States regulations

Inventory listing (TSCA):

7732-18-5	Water	Listed
14402-88-1	Magnesium EDTA 6%	Listed

Significant New Use Rule (TSCA Section 5): Not determined.

Export notification under TSCA Section 12(b): Not determined.

SARA Section 302 extremely hazardous substances: Not determined.

SARA Section 313 toxic chemicals:

7732-18-5	Water	Not Listed
14402-88-1	Magnesium EDTA 6%	Not Listed

CERCLA: Not determined.

RCRA: Not determined.

Section 112(r) of the Clean Air Act (CAA): Not determined.

Massachusetts Right to Know:

7732-18-5	Water	Not Listed
14402-88-1	Magnesium EDTA 6%	Listed

New Jersey Right to Know:

7732-18-5	Water	Not Listed
14402-88-1	Magnesium EDTA 6%	Listed

New York Right to Know:

7732-18-5	Water	Not Listed
14402-88-1	Magnesium EDTA 6%	Listed

Pennsylvania Right to Know:

7732-18-5	Water	Not Listed
14402-88-1	Magnesium EDTA 6%	Listed

California Proposition 65: None of the ingredients are listed.

SECTION 16: Other information

Abbreviations and Acronyms: None

Disclaimer:

This product has been classified in accordance with OSHA HCS 2012 guidelines. The information provided in this SDS is correct, to the best of our knowledge, based on information available. The information given is designed only as a guidance for safe handling, use, storage, transportation and disposal and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials, unless

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specified in the text. The responsibility to provide a safe workplace remains with the user.

NFPA: 0-0-0

HMIS: 0-0-0

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End of Safety Data Sheet