



Safety Data Sheet

Mag-Si

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03 Canadian
Workplace Hazardous Material Information System (WHMIS) 2015 Mexico
NOM-018-STPS-2000; NOM-018-STPS-2015
GHS (Globally Harmonized System)

Issue Date open field and re-set date to June 1, 2015 or later
Print Date 01/Mar/2022

Revision Number 1.0 NA
Page 1 of 9

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

1.1. Product identifier

Product name Mag-Si
Pure substance/mixture Non-hazardous Mixture

1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended use Micro-nutrient
Uses advised against None known

1.3. Details of the supplier of the safety data sheet

Company Miller Chemical and Fertilizer, LLC
120 Radio Rd
Hanover, PA 17331
Tel.: 717-632-8921
Fax.: 717-646-1104

Internet <http://www.millerchemical.com>

E-mail info@millerchemical.com

1.4. Emergency telephone number CHEMTREC: +1 800 424 9300 or International +1 703 527 3887

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

OSHA Regulatory Status This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

2.2. Label elements

Symbols/Pictograms None
Signal Word None
Hazard Statements None

Issue Date open field and re-set date to June 1, 2015 or later
Print Date 01/Mar/2022

Revision Number 1.0 NA
Page 2 of 9

Precautionary Statements

Additional information Not applicable

Hazards not otherwise
classified (HNOC) None known

SECTION 3: Composition/information on ingredients

Pure substance/mixture Non-hazardous Mixture

Chemical Name	CAS Number	TSCA: United States	Canada (DSL)	Mexico	OSHA Regulatory Status	WHMIS	Weight-%
Non-Hazardous	--	N	Y	N	Not regulated	--	0

Legend

Y: Complies ; A: Active ; - / N: Exempt / Not Listed

SECTION 4: First aid measures**4.1. Description of first aid measures****General Advice**

When possible, have the product container or label with you when calling a poison control center or doctor or going for treatment.

Eye Contact

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention.

Skin Contact

Wash off immediately with plenty of water for at least 15 minutes. Take off contaminated clothing and wash before reuse. Get medical attention.

Ingestion

DO NOT INDUCE VOMITING. If vomiting occurs naturally, reduce the risk of aspiration by leaning their body forward. Clean mouth with water and afterwards drink plenty of water. Never give anything by mouth to an unconscious person. Get medical attention.

Inhalation

Remove to fresh air. If breathing has stopped, apply artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

4.2. Most important symptoms and effects, both acute and delayed

May cause eye irritation. May cause skin irritation. Large doses may cause nausea, vomiting, and stomach pain or cramps.

4.3. Indication of any immediate medical attention and special treatment needed

Treatment should be symptomatic and supportive. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination.

Issue Date open field and re-set date to June 1, 2015 or later
Print Date 01/Mar/2022

Revision Number 1.0 NA
Page 3 of 9

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable Extinguishing Media

Water spray (fog).

Unsuitable Extinguishing Media

None known.

5.2. Special hazards arising from the substance or mixture

None known.

5.3. Advice for firefighters

Special protective equipment for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

Fire-fighting measures

Water mist may be used to cool closed containers. No special fire protection measures are necessary. Standard procedure for chemical fires.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Keep unauthorized personnel away. Avoid dust formation. Ensure adequate ventilation. Use personal protection recommended in Section 8. In case of fire: Stop leak if safe to do so.

For non-emergency personnel

Keep unauthorized personnel away.

For emergency responders

Keep unauthorized personnel away. Use personal protection recommended in Section 8.

6.2. Environmental precautions

Avoid runoff to waterways and sewers.

6.3. Methods and material for containment and cleaning up

Large Spill: Do not dry sweep dust. Wet dust with water before sweeping or use a vacuum to collect dust Small Spill: Vacuum or sweep material and place in a disposal container

6.4. Reference to other sections

See Section 8 for exposure controls and personal protection. See Section 13 for additional waste treatment information.

Issue Date open field and re-set date to June 1, 2015 or later
Print Date 01/Mar/2022

Revision Number 1.0 NA
Page 4 of 9

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid exposure - obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Minimize dust generation and accumulation. Do not breathe dust. Ensure adequate ventilation. Wear appropriate personal protective clothing to prevent skin contact.

7.2. Conditions for safe storage, including any incompatibilities

Keep container tightly closed and dry. Store away from incompatible materials. Keep out of reach of children.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits No information available

Biological Limit Values No information available

8.2. Exposure controls

Engineering Measures

Provide a good standard of controlled ventilation (5 to 10 air changes per hour). Use exhaust ventilation to keep airborne concentrations below exposure limits. In case of insufficient ventilation, wear suitable respiratory equipment.

Personal protective equipment

Eye/Face Protection

Wear safety glasses with side shields (or goggles).

Skin and Body Protection

Wear suitable protective clothing.

Hand Protection

For operations where prolonged or repeated skin contact may occur, impervious gloves should be worn.

Respiratory Protection

In case of inadequate ventilation wear respiratory protection.

Environmental Exposure Controls

Dispose of in accordance with local regulations.

Issue Date open field and re-set date to June 1, 2015 or later

Print Date 01/Mar/2022

Revision Number 1.0 NA

Page 5 of 9

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties****Appearance:**

Physical State	Powder
Color	Colorless -- White
Odor	Characteristic
pH	9.0 - 10.0
Boiling Point / Boiling Range	Not determined
Freezing Point	Not determined
Flash Point	Not determined
Evaporation Rate	Not determined
Flammability (solid, gas)	Not determined
Vapor Pressure	Not determined
Vapor Density	Not determined
Water Solubility	Soluble
Percent Volatile	Not determined

SECTION 10: Stability and reactivity

10.1. Reactivity	Stable under normal conditions
10.2. Chemical stability	Stable under normal conditions
10.3. Possibility of hazardous reactions	No specific hazard known
10.4. Conditions to avoid	Incompatible materials Dust formation
10.5. Incompatible materials	Strong alkalis Reducing agents
10.6. Hazardous decomposition products	None known

Issue Date open field and re-set date to June 1, 2015 or later

Print Date 01/Mar/2022

Revision Number 1.0 NA

Page 6 of 9

SECTION 11: Toxicological information

General Information Users are advised to consider national Occupational Exposure Limits or other equivalent values.

Information on Likely Routes of Exposure

Inhalation	May cause slight irritation if mist occurs
Skin	May cause irritation
Eyes	May cause irritation.
Ingestion	Large amount of material can cause serious diarrhea. Nausea and vomiting may also occur and possibly abdominal cramping.

11.1. Information on toxicological effects**SECTION 12: Ecological information**

12.1. Ecotoxicity This product is a soluble fertilizer. Large spills could possibly damage vegetation. Contamination of waterways could possibly cause fish kills. Prevent spilled substance from entering water supplies or water courses.

12.2. Persistence and degradability No data available

12.3. Bioaccumulative potential No data available

12.4. Mobility in soil No data available

12.5. Results of PBT and vPvB assessment No data available

12.6. Other adverse effects No information available

SECTION 13: Disposal considerations**13.1. Waste treatment methods**

Disposal Methods If uncontaminated, recover and reuse as product. If contaminated with other materials, the nature and extend of contamination may require use of specialized disposal methods. Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging Product residue may remain in empty containers. Empty containers should be taken to an approved waste handling site for recycling or disposal.

Issue Date open field and re-set date to June 1, 2015 or later**Print Date** 01/Mar/2022**Revision Number** 1.0 NA**Page 7 of 9****SECTION 14: Transport information****Mode of Transportation (Road, Water, Air, Rail)**

TDG -Canada	Not regulated
DOT	Not regulated
IATA	Not regulated
IMDG/IMO	Not regulated
ICAO	Not regulated

14.1. UN number	None
14.2. UN proper shipping name	None
14.3. Transport hazard class(es)	None
14.4. Packing group	None
14.5. Environmental hazards	No
14.6. Special precautions for user	Not applicable

Issue Date open field and re-set date to June 1, 2015 or later

Print Date 01/Mar/2022

Revision Number 1.0 NA

Page 8 of 9

SECTION 15: Regulatory information**Global Inventories****Pure substance/mixture**

Non-hazardous Mixture

Chemical Name	CAS Number	Canada (DSL)	Mexico	TSCA: United States
Non-Hazardous	--	Y	N	N

Legend

Y: Complies ; A: Active ; - / N: Exempt / Not Listed

EPA**CWA (Clean Water Act)**

Not regulated

CAA (Clean Air Act)

Not regulated

U.S. State Right-to-Know Regulations

Chemical Name	CAS Number	California Proposition 65	Massachusetts	Minnesota	New Jersey	Pennsylvania
Non-Hazardous	--	N	N	N	N	N

Legend

Y: Complies ; - / N: Not Listed

CANADA**WHMIS**

This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR) and the SDS contains all the information required by the HPR

SECTION 16: Other information**Prepared by**Miller Chemical and Fertilizer, A Huber Company, Global Regulatory Affairs
regulatory.affairs@huber.com**Issue Date**

open field and re-set date to June 1, 2015 or later

Print Date

01/Mar/2022

Revision Number

1.0 NA

Reason for Version

OSHA (Occupational Safety and Health Administration of the US Department of Labor).

Abbreviations and acronyms

OSHA (Occupational Safety and Health Administration of the US Department of Labor)
WHMIS (Workplace Hazardous Materials Information System)
GHS (Globally Harmonized System)
IARC (International Agency for Research on Cancer)
PPE (Personal Protection Equipment)
TWA (Time-Weighted Average)
TLV® (Threshold Limit Value)
STEL (Short Term Exposure Limit)
RQ (Reportable Quantity) (RQ/% in mixture)
DOT (Department of Transportation)
TDG (Transport of Dangerous Goods) Canada
IATA (International Air Transport Association)
IMDG (International Maritime Dangerous Goods)

Issue Date open field and re-set date to June 1, 2015 or later

Print Date 01/Mar/2022

Revision Number 1.0 NA

Page 9 of 9

ICAO (International Civil Aviation Organization)

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release 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 or in any process, unless specified in the text

End of Safety Data Sheet