

SAFETY DATA SHEET

1. IDENTIFICATION

Product Name: Harrell's Cal Max G

Product Type: Solid Granule

Recommended use / restrictions of use: Professional applications or Agricultural fertilizer. No restrictions.

Supplier's Details: Harrell's LLC
5105 New Tampa Hwy
Lakeland, FL 33815
1-800-282-8007

Emergency contact number

Name: Chemtrec

Phone Number: 1-800-424-9300

Customer Number: 10202

2. HAZARDS IDENTIFICATION--

Hazard classification: This material is hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200.

Carcinogenicity – Category 1A

Label elements

Hazard pictograms:



Signal word: Danger

Hazard statements: May cause cancer

Precautionary statements: Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Wear protective gloves/ protective clothing/ eye protection/ face protection.
Do not eat, drink, or smoke when using product.
IF exposed or concerned: Get medical advice.
Store locked up.
Dispose of contents/container to an approved waste disposal.

Other hazards Respirable Crystalline Silica (RCS) may cause cancer. Sand is a naturally occurring mineral complex that contains varying quantities of quartz (crystalline silica). In its natural bulk state, sand is not a known health hazard. Sand may be subjected to various natural or mechanical forces that produce small particles (dust) which may contain respirable crystalline silica (particles less than 10 micro meters in aerodynamic diameter). Repeated inhalation of respirable crystalline silica (quartz) may cause lung cancer according to IARC and NTP; ACGIH states that it is a suspected cause of cancer. Other forms of RCS (e.g., tridymite and cristobalite) may also be present or

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formed under certain industrial processes.

Other hazards not contributing to the classification Spill area may be slippery.

3. COMPOSITION/INFORMATION ON INGREDIENTS

This product is a mixture

Chemical name/component	CAS#	Concentration
Crystalline Silica - Quartz	14808-60-7	0.1-1.0%

4. FIRST-AID MEASURES

Description of first aid measures

Eye Contact --If in eyes: Flush with water for 15 minutes. Call a doctor for treatment if irritation persists.
Skin Contact - If on skin: Wash thoroughly with soap and water. Launder clothing before reuse
Inhalation -- If inhaled: Remove affected person from source of exposure. Call 911 if breathing is difficult.
Ingestion -- If ingested: Do not induce vomiting. Get medical attention. Have the product label with you when calling a doctor or going for treatment.

Indication of any immediate medical attention and special treatment needed No additional information available.

5. FIRE-FIGHTING MEASURES

Extinguishing media

Suitable extinguishing media: Water spray, dry chemical, carbon dioxide, and sand
Unsuitable extinguishing media: None

Special hazards arising from the substance or mixture: Material will not burn. However, material undergoes decomposition at elevated temperatures to release toxic and combustible gases.

Advice for firefighters

Firefighting instructions: Material will not burn. Use extinguishing media appropriate for the surrounding materials.
Protection during firefighting: Wear respiratory protection.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures:

Use protective equipment to prevent contact with skin and eyes or inhalation of dust.
Use site specific emergency procedures if product is released. Prevent entry to sewers and public surface waters per site specific containment procedures.

Methods and material for containment and cleaning up:

Use mechanical means. Store material in suitable containers for recycle or disposal.
Minimize dust generation.

7. HANDLING AND STORAGE

Precaution for safe handling: Avoid contact with skin and eyes. After handling, wash hands thoroughly with soap and water. Avoid generating and breathing dust. Wash before eating and drinking.
Fire/explosion precautions: No special measures required.

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Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a dry, cool, and well-ventilated area. Protect from weather.
Incompatible materials: Slightly reactive with oxidizing agents, metals, alkalis, and moisture.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Control parameters
Exposure limits are listed below, if they exist.

Component	Regulation	Type of listing	Value/Notation
Dust – inhalable particles	OSHA / ACGIH	TWA	15 mg/ m ³ / 10 mg/ m ³
Dust – respirable particles	OSHA / ACGIH	TWA	5 mg/ m ³ / 3 mg/ m ³
Crystalline Silica – Quartz	OSHA	TWA	0.05 mg/m ³

Exposure controls

Appropriate engineering controls: If dust is generated during handling, use adequate ventilation to keep exposure to airborne dust level below the threshold limits.
Hand protection: Wear suitable protective gloves. Glove material: Any.
Eye protection: Safety glasses with side shields or tight fitting goggles if dust is generated.
Skin and body protection: Wear long sleeved clothing and other suitable clothing to prevent skin exposure.
Respiratory protection: Respiratory protection should be worn when there is potential to exceed the exposure limit requirements or guidelines. A NIOSH approved dust respirator if dust level is above the threshold limit.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and properties

Physical state:	Solid granule	Flammability:	Not flammable
Color:	White to off white	Flash point:	Not applicable
Odor:	Low to none	Explosive limit (upper):	No data available
Odor threshold:	Not applicable	Explosive limit (lower):	No data available
Boiling point:	Not applicable	Auto ignition temp:	No data available
Melting point:	Not applicable	Decomposition temp:	No data available
Freezing point:	No data available	Partition coefficient:	No data available
Vapor pressure:	Negligible	Viscosity, kinematic:	Not applicable
Vapor density:	Not applicable	Viscosity, dynamic:	Not applicable
pH:	Not applicable	Specific gravity:	Not applicable
Bulk density:	Not determined	Solubility:	Soluble in water
Evaporation rate:	Not applicable		

Other information: No further information available.

10. STABILITY AND REACTIVITY

Reactivity: The product is non-reactive under normal conditions of use, storage and transport.
Chemical stability: The product is stable under normal ambient conditions.
Possibility of hazardous reactions: None.
Conditions to avoid: No further relevant information available.
Incompatible materials: Slightly reactive with oxidizing agents, metals, alkalis, and moisture.
Hazardous decomposition products: None known.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure: Inhalation
Skin contact

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Eye contact
Ingestion

Symptoms/injuries after skin contact: Prolonged contact may cause skin reaction.
Symptoms/injuries after eye contact: Dust may cause eye irritation.
Symptoms/injuries after inhalation: High concentrations of dust may irritate the throat and respiratory system and cause coughing.
Acute toxicity: Mixture based on components' toxicity.
Reproductive toxicity: No relevant data found.
Specific Target Organ Toxicity-S E: No relevant data found.
Specific Target Organ Toxicity-R E: No relevant data found.
Carcinogenicity: Respirable Crystalline Silica (RCS) may cause cancer. Sand is a naturally occurring mineral complex that contains varying quantities of quartz (crystalline silica). In its natural bulk state, sand is not a known health hazard. Sand may be subjected to various natural or mechanical forces that produce small particles (dust) which may contain respirable crystalline silica (particles less than 10 micro meters in aerodynamic diameter). Repeated inhalation of respirable crystalline silica (quartz) may cause lung cancer according to IARC and NTP; ACGIH states that it is a suspected cause of cancer. Other forms of RCS (e.g., tridymite and cristobalite) may also be present or formed under certain industrial processes.

NTP (National Toxicology Program): Listed as known
IARC (International Agency for Research on Cancer): 1
ACGIH (American Conference of Governmental Industrial Hygienists): A2

12. ECOLOGICAL INFORMATION

Toxicity: No testing data available.
Persistence and degradability: No data is available on the degradability of this product.
Bioaccumulative potential: No data available.
Mobility in soil: Non-persistent when applied using normal agricultural practices.
Other adverse effects: No further relevant information available.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Waste disposal recommendations: Recycle excess product if at all possible. Avoid sewage and landfill disposal.
Waste containers: Do not use metal waste containers.
Reference to other sections: See section 8 for exposure control information.

14. TRANSPORT INFORMATION

DOT Not regulated for transport

Classification for AIR transport (IATA/ICAO): Not regulated for transport

This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. Transportation classifications may vary by container volume and may be influenced by regional or country variations in regulations. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material.

15. REGULATORY INFORMATION

OSHA Hazard Communication Standard

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

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California Proposition 65 (Safe Drinking Water and Toxic Enforcement Act of 1986)

This product contains substances known to the State of California to cause cancer, birth defects or other reproductive harm, at levels which would require a warning under the statute.

16. OTHER INFORMATION

Date of preparation/issue date: August 8, 2018

Version: Initial release.

H-0, F-0, I-0, SH-none

Disclaimer: The information provided in this Safety Data Sheet is correct to the best of our knowledge and belief at the date of its publication. The information is designed only as guidance for safe handling, use, storage, transportation, and disposal, and is not to be considered a warranty (express, implied, merchantability or fitness for any particular purpose) or quality specification. The information relates only to the specific material designated therein.