

## Safety Data Sheet



### Section 1: Identification

#### Product identifier

**Product Name**

- **Lilly Miller Super Sweet**

**Synonyms**

- 100099184; Calcium carbonate soil amendment; UPC #: 0-70624-00914-7

**Product Description**

- Solid tan pellet.

**Relevant identified uses of the substance or mixture and uses advised against**

**Recommended use**

- Calcium carbonate soil amendment.

**Restrictions on use**

- Keep out of reach of children and domestic animals. Avoid breathing dust. Avoid contact with eyes, skin and clothing.

#### Details of the supplier of the safety data sheet

**Manufacturer**

- Lilly Miller Brands  
1000 Parkwood Circle, Suite 700  
Atlanta, GA 30339  
United States  
  
[www.pennington.com](http://www.pennington.com)

#### Emergency telephone number

**Manufacturer**

- 1-800-265-0761

**Manufacturer (Transportation)** • 1-800-424-9300 - CHEMTREC

**Manufacturer (Transportation)** • 1-703-527-3887 - CHEMTREC - Outside North America - Collect Calls Accepted

### Section 2: Hazard Identification

#### United States (US)

According to: OSHA 29 CFR 1910.1200 HCS

#### Classification of the substance or mixture

**OSHA HCS 2012**

- Carcinogenicity 1A  
Specific Target Organ Toxicity Repeated Exposure 1

#### Label elements

**OSHA HCS 2012**

**DANGER**



- Hazard statements**
- May cause cancer.
  - May cause damage to organs through prolonged or repeated exposure via inhalation - lungs.

### Precautionary statements

- Prevention**
- Obtain special instructions before use.
  - Do not handle until all safety precautions have been read and understood.
  - Wash thoroughly after handling.
  - Wear protective gloves/protective clothing/eye protection/face protection.
  - Do not breathe dust, fume, gas, mist, vapors and/or spray.
  - Do not eat, drink or smoke when using this product.
- Response**
- IF exposed or concerned: Get medical advice/attention.
  - Get medical advice/attention if you feel unwell.
- Storage/Disposal**
- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.
  - Store locked up.

### Other hazards

#### OSHA HCS 2012

- Under United States Regulations (29 CFR 1910.1200 - Hazard Communication Standard), this product is considered hazardous.

## Section 3 - Composition/Information on Ingredients

### Substances

- Material does not meet the criteria of a substance according to United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS)

### Mixtures

Composition		
Chemical Name	Identifiers	%
Calcium carbonate	CAS:1317-65-3	100%
..... Silica, crystalline - quartz	CAS:14808-60-7	<= 1%

## Section 4: First-Aid Measures

### Description of first aid measures

#### Inhalation

- IF INHALED: If breathing is difficult, remove person to fresh air and keep at rest in a position comfortable for breathing. Call a physician if symptoms occur.

#### Skin

- IF ON SKIN: Wash skin with soap and water. If irritation develops and persists, get medical attention.

**Eye**

- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

**Ingestion**

- IF SWALLOWED: Call a POISON CONTROL center or doctor if you feel unwell. Rinse mouth. Do NOT induce vomiting unless directed by medical personnel.

**Most important symptoms and effects, both acute and delayed**

- May cause cancer, may cause damage to lungs through prolonged and repeated inhalation. Refer to Section 11 - Toxicological Information.

**Indication of any immediate medical attention and special treatment needed**

**Notes to Physician**

- Treat symptomatically and supportively.

**Section 5: Fire-Fighting Measures**

**Extinguishing media**

**Suitable Extinguishing Media** • Water, CO2 or dry chemical.

**Unsuitable Extinguishing Media** • Avoid heavy hose streams.

**Special hazards arising from the substance or mixture**

**Unusual Fire and Explosion Hazards** • None known.

**Hazardous Combustion Products** • Non-combustible, substance itself does not burn but may decompose upon heating to produce corrosive and/or toxic fumes.

**Advice for firefighters**

- Wear positive pressure self-contained breathing apparatus (SCBA).

**Section 6 - Accidental Release Measures**

**Personal precautions, protective equipment and emergency procedures**

**Personal Precautions**

- Avoid contact with skin, eyes, and clothing. Wear appropriate personal protective equipment, avoid direct contact. Ventilate enclosed areas. Avoid dust formation and breathing dust.

**Emergency Procedures**

- No emergency procedures are expected to be necessary if material is used under ordinary conditions as recommended.

**Environmental precautions**

- No data available

**Methods and material for containment and cleaning up**

**Containment/Clean-up Measures**

- Sweep or scoop up spills, dispose of any unusable material in approved landfill. Use appropriate Personal Protective Equipment (PPE).

## Section 7 - Handling and Storage

### Precautions for safe handling

#### Handling

- Avoid contact with skin, eyes, and clothing. Avoid breathing dust. To minimize dust generation and accumulation, spills should be cleaned up and dust accumulations should be removed promptly. Wash thoroughly with soap and water after handling.

### Conditions for safe storage, including any incompatibilities

#### Storage

- Keep out of reach of children. Store in a cool/low-temperature, well-ventilated, dry place. Keep container tightly closed. Store locked up. Avoid storage near aluminum, steel, copper or flammable organics.

#### Incompatible Materials or Ignition Sources

- Aluminum, steel, copper or flammable organics.

## Section 8 - Exposure Controls/Personal Protection

### Control parameters

Exposure Limits/Guidelines				
	Result	ACGIH	NIOSH	OSHA
Silica, crystalline - quartz (14808-60-7)	TWAs	0.025 mg/m <sup>3</sup> TWA (respirable fraction)	0.05 mg/m <sup>3</sup> TWA (respirable dust)	0.05 mg/m <sup>3</sup> TWA (respirable dust)
Calcium carbonate (1317-65-3)	TWAs	Not established	10 mg/m <sup>3</sup> TWA (total dust); 5 mg/m <sup>3</sup> TWA (respirable dust)	15 mg/m <sup>3</sup> TWA (total dust); 5 mg/m <sup>3</sup> TWA (respirable fraction)

### Exposure Limits Supplemental

**OSHA**  
 •Silica, crystalline - quartz (14808-60-7): **Mineral Dusts:** ((30)/(%SiO<sub>2</sub> + 2) mg/m<sup>3</sup> TWA, total dust; (250)/(%SiO<sub>2</sub> + 5) mppcf TWA

**ACGIH**  
 •Silica, crystalline - quartz (14808-60-7): **TLV Basis - Critical Effects:** (lung cancer; pulmonary fibrosis)

### Exposure controls

#### Engineering Measures/Controls

- Adequate ventilation systems as needed to control concentrations of airborne contaminants below applicable threshold limit values.

#### Personal Protective Equipment

##### Pictograms



##### Respiratory

- If airborne dust is present or in case of inadequate ventilation, use appropriate NIOSH approved respiratory protection.

##### Eye/Face

- Wear safety glasses.

##### Hands

- Wear appropriate gloves.

##### Skin/Body

- If prolonged exposure is anticipated, it is recommended for handlers to wear appropriate clothing to prevent skin contact.

#### General Industrial Hygiene Considerations

- Handle in accordance with good industrial hygiene and safety practice.

**Environmental Exposure Controls** • No data available

## Section 9 - Physical and Chemical Properties

### Information on Physical and Chemical Properties

<b>Material Description</b>			
Physical Form	Solid	Appearance/Description	Solid tan pellet.
Color	Tan	Odor	Odorless
Odor Threshold	No data available		
<b>General Properties</b>			
Boiling Point	No data available	Melting Point/Freezing Point	No data available
Decomposition Temperature	No data available	pH	Not relevant
Specific Gravity/Relative Density	No data available	Water Solubility	Insoluble
Viscosity	Not relevant		
<b>Volatility</b>			
Vapor Pressure	No data available	Vapor Density	No data available
Evaporation Rate	No data available		
<b>Flammability</b>			
Flash Point	Not relevant	UEL	No data available
LEL	No data available	Autoignition	No data available
Flammability (solid, gas)	No data available		
<b>Environmental</b>			
Octanol/Water Partition coefficient	No data available		

## Section 10: Stability and Reactivity

### Reactivity

- No dangerous reaction known under conditions of normal use.

### Chemical stability

- Stable

### Possibility of hazardous reactions

- Hazardous polymerization will not occur.

### Conditions to avoid

- No data available.

### Incompatible materials

- Aluminum, steel, copper and flammable organics.

### Hazardous decomposition products

- Non-combustible, substance itself does not burn but may decompose upon heating to produce toxic fumes which may include carbon oxides.

## Section 11 - Toxicological Information

### Information on toxicological effects

GHS Properties	Classification
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<b>Acute toxicity</b>	OSHA HCS 2012 • Acute Toxicity - Dermal - Classification criteria not met; Acute Toxicity - Inhalation - Classification criteria not met; Acute Toxicity - Oral - Classification criteria not met
<b>Skin corrosion/Irritation</b>	OSHA HCS 2012 • Classification criteria not met
<b>Serious eye damage/Irritation</b>	OSHA HCS 2012 • Classification criteria not met
<b>Skin sensitization</b>	OSHA HCS 2012 • Classification criteria not met
<b>Respiratory sensitization</b>	OSHA HCS 2012 • Classification criteria not met
<b>Aspiration Hazard</b>	OSHA HCS 2012 • Classification criteria not met
<b>Carcinogenicity</b>	OSHA HCS 2012 • Carcinogenicity 1A
<b>Germ Cell Mutagenicity</b>	OSHA HCS 2012 • Classification criteria not met
<b>Toxicity for Reproduction</b>	OSHA HCS 2012 • Classification criteria not met
<b>STOT-SE</b>	OSHA HCS 2012 • Classification criteria not met
<b>STOT-RE</b>	OSHA HCS 2012 • Specific Target Organ Toxicity Repeated Exposure 1

**Potential Health Effects**

**Inhalation**

**Acute (Immediate)**

- Exposure to dust may cause mild respiratory irritation. Acute Silicosis can occur with exposures to very high concentrations of respirable crystalline silica over a very short time period, sometimes as short as a few months. The symptoms of acute silicosis include progressive shortness of breath, fever, cough and weight loss.

**Chronic (Delayed)**

- Repeated or prolonged inhalation of dust may cause respiratory irritation. Repeated and prolonged exposure to crystalline silica containing materials may cause irritation and/or lung damage silicosis, fibrosis, inflammation, cancer. Repeated and prolonged inhalation may affect the brain due to the presence of manganese sulfate.

**Skin**

**Acute (Immediate)**

- Exposure to dust may cause mechanical irritation.

**Chronic (Delayed)**

- No data available.

**Eye**

**Acute (Immediate)**

- May cause mild mechanical irritation.

**Chronic (Delayed)**

- No data available

**Ingestion**

**Acute (Immediate)**

- Under normal conditions of use, no health effects are expected.

**Chronic (Delayed)**

- No data available.

**Other**

**Chronic (Delayed)**

- No data available.

**Mutagenic Effects**

- No data available.

**Carcinogenic Effects**

- Crystalline silica (quartz) inhaled from occupational sources is classified as carcinogenic to humans.

<b>Carcinogenic Effects</b>			
	<b>CAS</b>	<b>IARC</b>	<b>NTP</b>
Silica, crystalline - quartz	14808-60-7	Group 1-Carcinogenic	Known Human Carcinogen

**Reproductive Effects**

- No data available.

## Section 12 - Ecological Information

### Toxicity

- No data available

### Persistence and degradability

- No data available

### Bioaccumulative potential

- No data available

### Mobility in Soil

- No data available

### Other adverse effects

#### Potential Environmental Effects

- No data available.

## Section 13 - Disposal Considerations

### Waste treatment methods

#### Product waste

- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

#### Packaging waste

- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

## Section 14 - Transport Information

	UN number	UN proper shipping name	Transport hazard class (es)	Packing group	Environmental hazards
DOT	Not Applicable	Not Regulated	Not Applicable	Not Applicable	Not Applicable
IMO/IMDG	Not Applicable	Not Regulated	Not Applicable	Not Applicable	Not Applicable
IATA/ICAO	Not Applicable	Not Regulated	Not Applicable	Not Applicable	Not Applicable

**Special precautions for user** • None specified.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** • No data available

#### Other information

IMO/IMDG • No data available

IATA/ICAO • No data available

## Section 15 - Regulatory Information

### Safety, health and environmental regulations/legislation specific for the substance or mixture

**SARA Hazard Classifications** • Chronic

Inventory		
Component	CAS	TSCA

Calcium carbonate	1317-65-3	Yes
Silica, crystalline - quartz	14808-60-7	Yes

## United States - California

### Environment

#### U.S. - California - Proposition 65 - Carcinogens List

• Calcium carbonate	1317-65-3	Not Listed carcinogen, 10/1/1988
• Silica, crystalline - quartz	14808-60-7	(airborne particles of respirable size)

## Section 16 - Other Information

**Revision Date** • 08/June/2016

**Last Revision Date** • 08/June/2016

**Preparation Date** • 08/June/2016

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