



## Hazard Communication Standard Safety Data Sheet (SDS)

# Arizona's Best Lawn & Garden Gypsum

Supersedes all prior versions

Issuing Date: 8/15/2015

### 1. Product and Company Identification

**Product Name(s)/Synonyms:** Arizona's Best Lawn & Garden Gypsum, AZB40010, AZB40010C, AZB40012, AZB40012-32

**Recommended Use:** Soil amendment to lower pH and soften soil.

**Information on Manufacturer:**

Western Organics, Inc.  
420 E. Southern Ave.  
Tempe, AZ 85282  
602-792-0275

**Emergency Telephone Numbers:**

800-424-9300 (Chemtrec)  
800-222-1222 (American Association of Poison Control)

### 2. Hazards Identification

#### WARNING

**Hazard Classification:** 0 (none)



**Hazard Statement(s):**

Adverse health effects may occur. Harmful if swallowed. Contact to eye(s) may cause irritation and/or serious eye irritation. May cause respiratory and/or mucous irritation if dust is inhaled. May aggravate pre-existing respiratory conditions. This product may contain small amounts of crystalline silica, which has been shown to be a carcinogen. Prolonged dust inhalation that contains quartz may be harmful.

**Precautionary Statement(s):** Avoid dust generation. Wash after handling.

**Unclassified Hazard(s) Description:** None known.

**Total % of Ingredients with Unknown Toxicity (Mixtures Only):** Unknown

### 3. Composition / Information on Ingredients

Chemical/Component Name	Common Name	CAS #	%	Other
Calcium Sulfate Dehydrate	Gypsum	13397-24-5	80-90	(alt. CAS# 10101-41-4)
Crystalline Silica	Quartz	14808-60-7	0-<1	(total- not respirable %)
Inert		n/a	10-20	

### 4. First Aid Measures

**Eye Contact:**

Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

**Skin Contact:**

Rinse skin immediately with soap and water. Call a poison control center or doctor for treatment advice should a rash/skin irritation develop.

**Ingestion:**

Call a poison control center or doctor immediately for treatment advice. Have person drink 1-2 glasses of water if able to swallow. Do not induce vomiting unless told to do so by a poison control. Do not give anything by mouth to an unconscious person.

**Inhalation- Dust or Fumes:**

Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, if possible. If breathing is difficult, seek immediate medical assistance. Call a poison control center or doctor for further advice.

### 5. Fire-Fighting Measures

**Suitable Extinguishing Media:** Use foam, Co2, dry chemical or water spray (fog) methods.

**Unsuitable Extinguishing Media:**

**Firefighters:** Wear self contained breathing apparatus and full protective gear.

**Unusual Fire and Explosion Hazards:** Combustion can cause toxic fumes.

### 6. Accidental Release Measures

**Personal Precautions:** Use dust mask to avoid inhalation of particles. Gloves recommended but not required.

**Environmental Precautions:** Keep spills and runoff from municipal sewers and open bodies of water.

**Methods for Containment:** Cleanup the spill promptly by sweeping, scooping, and/or vacuum.

**Methods for Cleaning up:** Contain and dispose of per local and federal regulations. Spray area to wash off residue. Wash off any exposed skin. Collect and reuse if uncontaminated.

### 7. Handling and Storage

**Handling:** Avoid container breakage. Use proper lifting techniques. Minimize dust generation. Use appropriate NIOSH approved dust masks.

**Storage:** Store in original containers only. Keep container closed and in a dry, ventilated location. Best to always store away from children and pets.

### 8. Exposure Controls / Personal Protection

Component(s)	ACGIH TLV	OSHA PEL
Calcium Sulfate Dehydrate		5-15 mg/m3
Crystalline Silica (quartz)		3.33-10 mg/m3

**Engineering Controls:** If used indoors, use adequate ventilation to keep the airborne concentrations below the recommended exposure standard. Use wet methods to reduce dust generation.

**Personal Protective Measures:**

**Face and Eye:** Safety glasses or goggles recommended. Ensure OSHA's PPE standard compliance. Safety eye shower must be readily available.

**Skin/body:** Appropriate outdoor work clothing should be considered. Wash hands after handling.

**Respiratory:** Use engineering controls and NIOSHA/MSHA approved dust masks.

## 9. Physical and Chemical Properties

<b>Physical State:</b>	Solid	<b>Color:</b>	Light grey to white
<b>Appearance:</b>	Granular to powder	<b>Vapor Pressure:</b>	Not established
<b>Odor:</b>	Slight	<b>Vapor Density:</b>	Not established
<b>Odor Threshold:</b>	Not established	<b>Relative Density:</b>	2.3 g/cm3
<b>pH:</b>	6-8	<b>Solubility(ies):</b>	Partially
<b>Melting/Freezing Point:</b>	2642 degrees F	<b>Partition Coefficient:</b>	
<b>Boiling Point and Range:</b>	Not established	<b>n-octano/water:</b>	Not established
<b>Flash Point:</b>	Not established	<b>Auto-ignition Temp:</b>	Not established
<b>Evaporation Rate:</b>	Not established	<b>Decomposition Temp:</b>	No applicable information found
<b>Flammability (solid, gas):</b>	Not established	<b>Viscosity:</b>	Not established
<b>Flammability Limits:</b>		<b>Decomposition Temp:</b>	None
<b>Upper:</b>	n/a	<b>Bulk Density:</b>	45-50 lbs/cu.ft.
<b>Lower:</b>	n/a	<b>Specific Gravity (H2O=1):</b>	2.3

## 10. Stability and Reactivity

<b>Reactivity:</b>	Reacts with water.
<b>Chemical Stability:</b>	Stable under recommended storage conditions.
<b>Hazardous Reactions:</b>	None under normal use and conditions.
<b>Conditions to Avoid:</b>	Dust generation. Exposure to moisture.
<b>Incompatible Materials:</b>	Acids, Phosphorus. Diazomethane. Aluminum (at high temps).
<b>Hazardous Decomposition:</b>	May include but not limited to calcium and sulfur dioxide.

## 11. Toxicological Information

<b>Likely Routes:</b>	Inhalation, skin, eye contact, ingestion.
<b>Toxicological Effects</b>	
<b>Immediate Exposure:</b>	Possible allergic reaction. Eye, respiratory, skin irritation may occur. Nausea may occur.
<b>Short Term Exposure:</b>	Possible allergic reaction. Eye, respiratory, skin irritation may occur. Nausea may occur.
<b>Long Term Exposure:</b>	Possible allergic reaction. Eye, respiratory, skin irritation may occur. Nausea may occur.
<b>Toxicity Measures (data):</b>	No applicable information found.
<b>Toxicity Symptoms:</b>	Possible irritation, breathing difficulty, and/or nausea.
<b>Known Carcinogenicity:</b>	Not expected to be hazardous under normal conditions. Prolonged inhalation may be harmful. Exposure to respirable crystalline silica (quartz) from occupational sources is listed by IARC and NTP as a lung carcinogen. Prolonged exposure to respirable crystalline silica has been known to cause silicosis, a lung disease, which may be disabling.

## 12. Ecological Information

\*Refer the reader to Section 8 (Exposure Controls/Personal Protection) of the SDS.

<b>Ecotoxicity Data:</b>	No known negative effects when used as instructed.
<b>Persistence and Degradability:</b>	No applicable information found.
<b>Bioaccumulative Potential:</b>	No applicable information found.
<b>Leaching Risk:</b>	No applicable information found.
<b>Other Adverse Effects:</b>	No applicable information found.

### 13. Disposal Considerations

**Waste Disposal Methods:** No special disposal methods required. Conform with applicable local and federal regulations.  
**Contaminated Packaging:** Dispose of in accordance with local regulations. Do not reuse container.

### 14. Transport Information

**DOT** (Land) No restrictions, not regulated.  
**TDG** (Rail) No restrictions, not regulated.  
**IATA** (Air) Consult appropriate ICAO/IATA and IMDG regulations.  
**IMDG** (Sea) Consult appropriate ICAO/IATA and IMDG regulations.

\*U.S. Surface Freight Classification: Fertilizing compounds (mfg. fertilizers), NOI; Dry (NMFC 68140, Sub 5; Class 50)

### 15. Regulatory Information (non-mandatory)

**SARA TITLE Sec. III** No reportable hazard categories.  
**EPCRA** This material contains no extremely hazardous substances.  
**California Proposition 65** This product does not contain any Proposition 65 chemicals.

### 16. Other Information

**NFPA:** Health: 1 Flammability: 0 Reactivity: 0

Hazard Rating: 0=Least; 1=Slight; 2=Moderate; 3=High; 4=Severe

#### Disclaimer

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. Conditions of use and suitability of the product for particular uses are beyond our control, all risks of use of the product are therefore assumed by the user and WE EXPRESSLY DISCLAIM ALL WARRANTIES OF EVERY KIND AND NATURE, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE IN RESPECT TO THE USE OR SUITABILITY OF THE PRODUCT.

