

**Section 1 Identification****Product Name:** Standard and Mini Prilled Sucra-Min Magnesium Sucrate 45% Mg**Recommended use:** Soil Enhancer**Not Recommended:** Use only as directed.**Manufacturer:** Art Wilson Company  
P.O. Box 20160  
Carson City, NV 89721**Telephone:** (775) 882-0700**Date of Preparation:** March 8, 2017**Section 2. Hazard Identification****Classification:** Not classified as hazardous**Labeling:** Not Required**Section 3. Composition / Information On Ingredients**

Chemical name	CAS No.	Concentration
Dead burned magnesite	1309-48-4	60-90%
Brucite	1317-43-7	10-40%

**The specific identity and/or exact concentration has been withheld as a trade secret.****4. First-Aid Measures****Inhalation:** If irritation develops, remove to fresh air. Get medical attention if irritation persists.**Skin contact:** No first aid should be needed. Wash with soap and water. Get medical attention if irritation develops.**Eye contact:** Flush with plenty of water, holding the eyelids apart to ensure thorough washing. Get medical attention if irritation persists.**Ingestion:** No first aid should be required. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if large amount is swallowed.**Most important symptoms/effects, acute and delayed:** Poses little or no health hazard. May cause mild, abrasive irritation to the eyes, skin and respiratory tract.**Indication of immediate medical attention and special treatment, if necessary:** None required under normal conditions of use.**Section 5. Fire-Fighting Measures****Suitable (and unsuitable) extinguishing media:** Use media appropriate for the surrounding fire. Cool fire exposed container with water.**Specific hazards arising from the chemical:** This material is not combustible and presents no fire hazard.**Special protective equipment and precautions for fire-fighters:** Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing.

**Section 6. Accidental Release Measures**

**Personal precautions, protective equipment, and emergency procedures:** Wear appropriate protective equipment. Avoid creating and breathing dust.

**Environmental hazards:** Avoid unintentional release to the environment.

**Methods and materials for containment and cleaning up:** Sweep or vacuum spilled material and place into a container for reuse or disposal.

**7. Handling and Storage**

**Precautions for safe handling:** Avoid contact with the eyes. Avoid creating and breathing dust.

**Conditions for safe storage, including any incompatibilities:** Keep containers closed when not in use.

**Section 8. Exposure Controls / Personal Protection**

**Exposure guidelines:**

Dead burned magnesite (as magnesium oxide)	15 mg/m <sup>3</sup> TWA OSHA PEL (total particulate) 10 mg/m <sup>3</sup> TWA ACGIH TLV (inhalable fraction)
Brucite	None Established

**Appropriate engineering controls:**

**Engineering Controls:** Good outdoor ventilation should be adequate under normal conditions.

**Individual protection measures, such as personal protective equipment:**

**Respiratory protection:** In operations where the occupational exposure limits are exceeded, a NIOSH approved respirator with dust/mist cartridges or supplied air respirator should be used. Respirator selection and use should be based on contaminant type, form and concentration. Follow applicable regulations and good Industrial Hygiene practice.

**Eye protection:** Follow facility requirements. Dust goggles recommended for dusty conditions.

**Skin protection:** Abrasive resistant gloves are recommended to prevent skin abrasions.

**Other:** None required.

**Section 9. Physical and Chemical Properties**

**Appearance:** Black pellets

**Odor:** Odorless

<b>Odor threshold:</b> Not applicable	<b>pH:</b> Not applicable
<b>Melting Point/Freezing Point:</b> >2372°F />1300°C	<b>Boiling point:</b> Not applicable
<b>Flash point:</b> Not applicable	<b>Evaporation rate:</b> Not applicable
<b>Flammability (solid, gas):</b>	
<b>Flammable limits: LEL:</b> Not applicable	<b>UEL:</b> Not applicable
<b>Vapor pressure:</b> Not applicable	<b>Vapor density:</b> Not applicable
<b>Relative density:</b> 103 lb./ft <sup>3</sup>	<b>Solubility in Water:</b> Slight
<b>Partition coefficient: n-ctanol/water:</b> Not applicable	<b>Auto-ignition temperature:</b> Not applicable
<b>Decomposition Temperature:</b> Not available	<b>Viscosity:</b> Not applicable

### Section 10. Stability and Reactivity

**Reactivity:** Not reactive  
**Chemical stability:** Stable under normal conditions.  
**Possibility of hazardous reactions:** None known.  
**Conditions to avoid:** None known.  
**Incompatible materials:** Avoid strong acids.  
**Hazardous decomposition products:** None known.

### Section 11. Toxicological Information

**Likely routes of exposure:**

**Inhalation:** Inhalation of dust may cause mild irritation of mucous membranes and upper respiratory tract.

**Ingestion:** Swallowing large amounts may cause gastric upset and nausea.

**Skin contact:** No adverse effects are expected. May cause mechanical irritation.

**Eye contact:** Dust may cause mechanical irritation with redness and tearing.

**Chronic effects:** No adverse effects expected.

**Germ Cell Mutagenicity:** This product is not expected to cause germ cell mutagenicity.

**Developmental / Reproductive Toxicity:** This product is not expected to cause adverse effects on reproduction or development.

**Carcinogenicity:** This product is not listed as carcinogen by OSHA, NTP or IARC.

**Acute Toxicity Values:**

Dead burned magnesite: Oral rat LD50 > 5000 mg/kg,

Brucite: Oral rat LD50 > 5000 mg/kg

### Section 12. Ecological Information

**Ecotoxicity:**

Dead burned magnesite: No data available

Brucite: No data available

**Persistence and degradability:** Biodegradation is not applicable for inorganic substances.

**Bioaccumulative potential:** This product is not expected to bioaccumulate.

**Mobility in soil:** No data available

**Other adverse effects:** None known.

### Section 13. Disposal Considerations

Dispose in accordance with all local, state and federal regulations.

### Section 14. Transport Information

	UN Number	Proper shipping name	Hazard Class	Packing Group	Environmental Hazard
DOT		Not Regulated			
TDG		Not Regulated			
IMDG		Not Regulated			
IATA		Not Regulated			
		Not Regulated			

**Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code):** Not applicable – product is transported only in packaged form.

**Special precautions:** None known.

### Section 15. Regulatory Information

**Safety, health, and environmental regulations specific for the product in question.**

**CERCLA Section 103:** This product is not subject to CERCLA spill reporting requirements. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

**SARA Hazard Category (311/312):** Not Hazardous

**EPA SARA 313:** This Product Contains the Following Chemicals Subject to Annual Release Reporting Requirements Under SARA Title III, Section 313 (40 CFR 372): None

**US TSCA:** All of the components of this material are listed on the Toxic Substances Control Act (TSCA) Chemical Substances Inventory or are exempt.

**CANADA:**

**Canadian CEPA:** All of the components are listed on the Canadian DSL or are exempt.

**Canadian WHMIS:** Not a controlled product.

This product has been classified in accordance with the hazard criteria in the CPR and the SDS contains all the information required by the CPR.

### Section 16. Other Information

**NFPA Rating:** Health = 0      Flammability = 0      Instability = 0

**HMIS Rating:** Health = 0      Flammability = 0      Physical Hazard = 0

**SDS Revision History:** All Sections revised - Update to GHS format

**Date of preparation:** March 8, 2017

**Date of last revision:** New SDS