

MontanaGrow  
PO Box 2024  
Missoula, MT 59806  
www.MontanaGrow.com

**In Case of Emergency Call**  
Ignimbrite Minerals, Inc.  
Telephone: 1-406-370-8277

**SECTION 1 - IDENTIFICATION**

**PRODUCT IDENTIFIER:** MontanaGrow  
**PRINCIPAL FUNCTIONING AGENTS:** Soluble Silicon  
**RECOMMENDED USE:** Organic Soil Amendment  
**USE RESTRICTIONS:** None Known

**MANUFACTURER ADDRESS**  
Ignimbrite Minerals, Inc.  
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**SECTION 2 - HAZARD(S) IDENTIFICATION**

**NOT A HAZARDOUS SUBSTANCE OR MIXTURE**  
**CONDITIONS TO AVOID:** Avoid breathing respirable dust.  
**PRIMARY ROUT OF ENTRY:** Inhalation.

**SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS**

**SUBSTANCE:** Non-crystalline volcanic (rhyolitic) tuff

**CHEMICAL COMPOSITION**

Silicon (SiO <sub>2</sub> ) 77.9%	Iron (FeO <sub>3</sub> ) 2.5%
Aluminum (Al <sub>2</sub> O <sub>3</sub> ) 11.3%	Sodium (Na <sub>2</sub> O) 2.3%
Potassium (K <sub>2</sub> O) 5.2%	Magnesium (MgO) 0.9%

**SECTION 4 - FIRST-AID MEASURES**

**IF INHALED:** Move person into fresh air.  
**IN CASE OF EYE CONTACT:** Flush eyes with water as a precaution.  
**IN CASE OF SKIN CONTACT:** Not applicable.  
**IF SWALLOWED:** Not applicable.

**SECTION 5 - FIRE-FIGHTING MEASURES**

**NON COMBUSTIBLE**

**SECTION 6 - ACCIDENTAL RELEASE MEASURES**

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILL:** Sweep or shovel into any waste container.  
**ENVIRONMENTAL PRECAUTIONS:** None.  
**WASTE DISPOSAL METHOD:** All forms of disposal are acceptable - nonhazardous.

**SECTION 7 - HANDLING AND STORAGE**

**PRECAUTIONS FOR SAFE HANDLING:** Provide appropriate exhaust ventilation at places where dust is formed.

**CONDITIONS FOR SAFE STORAGE:** Keep container tightly closed in a dry and well-ventilated place.

**SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION**

**CONTAINS NO SUBSTANCES WITH OCCUPATIONAL EXPOSURE LIMIT VALUES**

**RESPIRATORY PROTECTION:** Use respirator or dust masks when fine dust is present.

**PROTECTIVE GLOVES:** Not necessary.

**EYE PROTECTION:** Safety glasses when fine dust is present.

**OTHER PRECAUTIONS:** None.

**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES****APPEARANCE**

PHYSICAL FORM: Solid

COLOR: White/Tan

**CHEMICAL PROPERTIES**

pH: 8.0

MELTING/FREEZING POINTS : N/A

BOILING POINT: N/A

FLASH POINT: N/A

IGNITION TEMPERATURE: N/A

AUTOIGNITION: N/A

LOWER EXPLOSION LIMIT: N/A

UPPER EXPLOSION LIMIT: N/A

VAPOR PRESSURE: N/A

DENSITY: N/A

WATER SOLUBILITY: N/A

PARTITION COEFFICIENT N-OCTANOL/H<sub>2</sub>O: N/A

RELATIVE VAPOR DENSITY: N/A

ODOR: N/A

ODOR THRESHOLD: N/A

EVAPORATION RATE: N/A

**SECTION 10 - STABILITY AND REACTIVITY**

**REACTIVE HAZARD:** None known, based on information available.

**STABILITY:** Stable under normal conditions.

**CONDITIONS TO AVOID:** Incompatible products. Exposure to moisture.

**INCOMPATIBILITY:** Strong acids.

**HAZARDOUS DECOMPOSITION PRODUCTS:** None under normal use conditions.

**SECTION 11 - TOXICOLOGICAL INFORMATION**

**REPRODUCTIVE TOXICITY:** N/A

**SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE:** N/A

**SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE:** N/A

**ASPIRATION HAZARD:** N/A

**POTENTIAL HEALTH EFFECTS:** None.

**SECTION 11 - TOXICOLOGICAL INFORMATION (Cont.)**

**INHALATION:** May cause respiratory tract irritation.

**INGESTION:** No gastrointestinal tract irritation.

**SKIN:** No irritation.

**EYES:** May cause eye irritation.

**SIGNS AND SYMPTOMS OF EXPOSURE:** N/A To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

**SYNERGISTIC EFFECTS:** N/A

**SECTION 12 - ECOLOGICAL INFORMATION**

**ECOTOXICITY:** Contains no substances known to be hazardous to the environment.

**PERSISTENCE AND DEGRADABILITY:** No data available.

**BIOACCUMULATIVE POTENTIAL:** No data available.

**MOBILITY IN SOIL:** No data available.

**PBT AND vPvB ASSESSMENT:** No data available.

**SECTION 13 - DISPOSAL CONSIDERATIONS**

**PRODUCT:** Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.

**CONTAMINATED PACKAGING:** Dispose of as unused product.

**SECTION 14 - TRANSPORT INFORMATION**

**TRANSPORTATION INFORMATION:** Not regulated as a dangerous goods.

**US DOT INFORMATION:** Not regulated as a hazardous material.

**TDG INFORMATION:** Not regulated as dangerous goods.

**SECTION 15 - REGULATORY INFORMATION****US FEDERAL REGULATIONS**

None of this product's components are listed under SARA Section 302 (40 CFR 355 appendix A), SARA Section 311/312 (40 CFR 370.21), SARA Section 3313 (40 CFR 372.65), CERLA (40 CFR 302.4), TSCA 12(b), or require an OSHA process safety plan.

**US STATE REGULATIONS**

None of this product's components are listed on the state lists from CA, MA, MN, NJ, or PA.

**CALIFORNIA PROP. 65 COMPONENTS**

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.