Material Safety Data Sheet
May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910 1200. Standard must be consulted for specific requirements.

U.S. Department of Labor
Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

Green Valley Earth Products Ice Melt
This product contains 100% Non-Hazardous Material

Note: Blank spaces are not permitted. If any item is not applicable or no information is available, the space must be marked to indicate that.

Section I

Manufacturer's name	Emergency Telephone Number
Green Valley Earth Products	435-257-4736
Address 755 E MAIN	Telephone Number for Information 435-257-4736
Tremonton, Utah 84337	Date Prepared 10/15/2014

Section II—Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity, Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Carbonyldiamine				
Volcanic Ash				
Propylene Glycol				
Photolytic Dye				

Section III—Physical/Chemical Characteristics

Boiling Point	N/A	Specific Gravity (H_20 = 1)	N/A
Vapor Pressure (mm Hg)	N/A	Melting Point	N/A
Vapor Density (AIR = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)	N/A

Solubility in Water Partially

Appearance and Odor Green Granules with Light Green Prills and an Acidic Odor

Section IV—Fire and Explosion Hazard Data

Flash Point	Flammable Limits	LEL	UEL
Non- Flammable	N/A	N/A	N/A

Extinguishing Media Use media suitable to extinguish source of fire

Special Fire Fighting Procedures Product is not combustible

Unusual Fire and Explosion During extremely high temperature conditions the product may reach melting point and decompose to ammonia (NH3), oxides of nitrogen (NOx), Cyanic acid, biuret, and carbon dioxide (CO2)

Section V—Reactivity Data

Stability: Stable	Unstable: 0		Conditions to Avoid: Extremely high temperatures
	Stable: 100		

Incompatibility: Strong oxidizing agents. Prolonged contact may cause oxidation of unprotected metals

Hazardous: During extremely high temperature conditions the product may reach melting point and decompose to ammonia (NH3), oxides of nitrogen (NOx), Cyanic acid, biuret, and carbon dioxide (CO2)

Hazardous Polymerization: Will not occur	May Occur	0	Conditions to Avoid: Extremely high temperatures
	Will Not Occur	100	

Section VI—Health Hazard Data

Route(s) of Entry: Inhalation? Below Skin? Below Ingestion? Below

Health Hazards *(Acute and Chronic)*: Transitory upper respiratory irritant. Inhalation of high levels of any nuisance dust over long periods of time may cause lungs to be more vulnerable to pneumoconiosis (lung disease)

Carcinogenicity: No NTP? No IARC Monographs? No OSHA Regulated? No

Signs and Symptoms of Exposure: Minimal hazard under normal conditions and use. Ingestion of large quantities may cause gastrointestinal discomfort, vomiting, weakness or other medically related problems

Medical Conditions
Generally Aggravated by Exposure

Ingestion: Minimal hazard under normal conditions and use. Ingestion of large quantities may cause gastrointestinal discomfort, vomiting, weakness or other medically related problems.
Inhalation: Dusty conditions may cause mechanical aggravation to respiratory mucous membranes.
Eye Contact: Dust from this product may cause particulate discomfort to eyes.
Skin Absorption: Not normally absorbed through the skin.
Skin Contact: Slight dermal abrasion is possible with prolonged contact, especially around cuffs and collars.
Effects of Overdose: Ingestion of large doses may cause diarrhea, nausea, abdominal cramps or formation of methemoglobinemia. Seek medical attention

Emergency and First Aid Procedures

Ingestion: If large amount is ingested, give 2-3 glasses of water and induce vomiting. Seek medical attention.
Inhalation: Remove to fresh air. Seek medical attention if condition persists.
Eyes: Flush eyes with running water for at least 15 minutes. Seek medical attention if condition persists.
Skin: Wash with soap and water. Seek medical attention if condition persists.
Notes to Physician: Consult standard literature. Treatment based on the sound judgment of the physician and the individual reactions

Section VII—Precautions for Safe Handling and Use

Steps to Be Taken in Case Material Is Released or Spilled: Mechanical (General): Sweep or vacuum all spills. Use filter equipped vacuum to remove dust. Do not blow with compressed air. Sweep up material and place in suitable container for use as ice melt or for disposal.

Waste Disposal Method: Bury as non-toxic waste in an approved landfill in accordance with all federal, state and local regulations.

Precautions to Be Taken in Handling and Storing

Store in a cool, dry area. Prevent spillage and separate from strong oxidizers. Use normal safety procedures and good Personal hygiene. Keep out of the reach of children.

Other Precautions

Environmental Precautions: Keep out of water supplies, lakes, ponds, streams and rivers. This product may promote algae growth. Keep from entering waterways.
Acute Oral Toxicity: LD50 (rat) is 14,300 mg/kg (ppm); not acutely toxic by oral exposure. (TFI Product Testing Results)
Acute Aquatic Toxicity: Fish 96-hour LC50 is greater than 9,100 mg/L (ppm); daphnia 24-hour EC50: greater than 10,000 mg/L. Non-toxic to aquatic organisms. (TFI Product Testing Results)

Section VII—Control Measures

Respiratory Protection	Approved dust respiration when necessary	
Ventilation	Local Exhaust No	Special No
	Mechanical No	Other Adequate ventilation
Protective Gloves No		Eye Protection In dusty conditions goggles may be necessary
Other Protective Clothing or Equipment	Normal clean working cloths	
Work/Hygienic Practices	Normal	

Shipping name: Not regulated by DOT
Hazard Class: None
Reportable Quantity (RQ): None
D.O.T. Number: None
Labels Required: None
Haz Waste No: None
Placard: None
EPA Regist No: None