

## Safety Data Sheet

### Section 1: Identification

#### Product identifier

**Product Name** • **Pennington Epsom Salt**

**Synonyms** • 0-21496-28100-1; 397606

**Product Description** • White or transparent powder.

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

**Recommended use** • Soil amendment.

**Restrictions on use** • Keep out of the reach of children. Avoid contact with eyes, skin or clothing.

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

**Manufacturer** • Gro Tec, Inc.  
P.O. Box 290  
Madison, GA 30650  
United States

www.penningtonfertilizer.com

**Telephone (General)** • 1-800-285-7333

#### Emergency telephone number

**Manufacturer** • 1-800-424-9300 - CHEMTREC - For transportation and non-transportation related emergencies

**Manufacturer** • 1-800-424-9300 - CHEMTREC - For transportation related emergencies

### Section 2: Hazard Identification

#### United States (US)

According to: OSHA 29 CFR 1910.1200 HCS

#### Classification of the substance or mixture

**OSHA HCS 2012** • Not classified; does not meet hazard criteria.

#### Label elements

**OSHA HCS 2012**

**Hazard statements** • No label element(s) required

#### Other hazards

**OSHA HCS 2012** • Under United States Regulations (29 CFR 1910.1200 - Hazard Communication Standard), this product is not considered hazardous.

## Section 3 - Composition/Information on Ingredients

### Substances

Composition		
Chemical Name	Identifiers	%
Magnesium(II), sulfate, heptahydrate	CAS:10034-99-8	100%

### Mixtures

- Material does not meet the criteria of a mixture.

## 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. Call a poison control center or doctor for treatment advice.

#### Ingestion

- First aid is not expected to be necessary if material is used under ordinary conditions and as recommended.

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

- 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** • SMALL FIRES: Dry chemical, CO<sub>2</sub>, water spray or regular foam.

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

**Firefighting Procedures** • Do not allow fire fighting water to escape into waterways or sewers.

### Special hazards arising from the substance or mixture

**Unusual Fire and Explosion Hazards** • No data available.

**Hazardous Combustion Products** • No data available.

## 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.

#### Emergency Procedures

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

### Environmental precautions

- Avoid run off to waterways and sewers.

### 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.

## Section 7 - Handling and Storage

### Precautions for safe handling

#### Handling

- Avoid contact with skin, eyes, and clothing.

### Conditions for safe storage, including any incompatibilities

#### Storage

- Store in cool, dry area, inaccessible to children. Do not store near or with hazardous or toxic substances.

#### Incompatible Materials or Ignition Sources

- Do not store near hazardous or toxic substances.

### Other Information

- See product label for additional information.

## Section 8 - Exposure Controls/Personal Protection

### Control parameters

### Exposure controls

#### Engineering

- No data available

#### Measures/Controls

#### Personal Protective Equipment

##### Pictograms

-  

##### Respiratory

- Not required with normal use.

##### 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

### Other Information

- See product label for additional information.

## Section 9 - Physical and Chemical Properties

### Information on Physical and Chemical Properties

<b>Material Description</b>			
Physical Form	Solid	Appearance/Description	White or transparent powder.
Color	White or transparent.	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	6 to 7
Specific Gravity/Relative Density	1.05 g/cm <sup>3</sup>	Water Solubility	Soluble
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	Heat of Combustion ( $\Delta H_c$ )	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

- Non-reactive under normal handling and storage conditions.

### Chemical stability

- Stable

### Possibility of hazardous reactions

- Hazardous polymerization will not occur.

### Conditions to avoid

- No data available.

### Incompatible materials

- No data available.

### Hazardous decomposition products

- No data available.

## Section 11 - Toxicological Information

### Information on toxicological effects

GHS Properties	Classification
Acute toxicity	OSHA HCS 2012 • Acute Toxicity - Dermal - Classification criteria not met; Acute Toxicity - Inhalation - Classification criteria not met; Acute Toxicity - Oral - Classification criteria not met
Skin corrosion/Irritation	OSHA HCS 2012 • Classification criteria not met
Serious eye damage/Irritation	OSHA HCS 2012 • Classification criteria not met
Skin sensitization	OSHA HCS 2012 • Classification criteria not met
Respiratory sensitization	OSHA HCS 2012 • Classification criteria not met
Aspiration Hazard	OSHA HCS 2012 • Classification criteria not met
Carcinogenicity	OSHA HCS 2012 • Classification criteria not met
Germ Cell Mutagenicity	OSHA HCS 2012 • Not classified - data lacking
Toxicity for Reproduction	OSHA HCS 2012 • Classification criteria not met
STOT-SE	OSHA HCS 2012 • Classification criteria not met
STOT-RE	OSHA HCS 2012 • Classification criteria not met

### Potential Health Effects

#### Inhalation

- Acute (Immediate) • Under normal conditions of use, no health effects are expected.
- Chronic (Delayed) • No data available

#### Skin

- Acute (Immediate) • Under normal conditions of use, no health effects are expected.
- Chronic (Delayed) • No data available.

#### Eye

- Acute (Immediate) • May cause mild irritation.
- Chronic (Delayed) • No data available

#### Ingestion

- Acute (Immediate) • If swallowed, may cause nausea, vomiting, diarrhea, cramps.
- Chronic (Delayed) • No data available

#### Other

- Chronic (Delayed) • No data available.

#### Carcinogenic Effects

- This product is not listed is listed by IARC, OSHA or NTP as a carcinogen.

## 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**

- 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. Do not reuse or refill container. Nonrefillable container.

**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** • None

**Section 16 - Other Information**

**Revision Date** • 28/December/2015

**Last Revision Date** • 28/December/2015

**Preparation Date** • 28/December/2015

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