



Safety Data Sheet

Section 1: Identification

Product identifier

Product Name • Pennington Seed Professional Turf Fertilizer

Synonyms • FertSTOTSES2E2

Product Code • FertSTOTSES2E2

Product Description • Variable colored granules.

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

Recommended use • Fertilizer.

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

Details of the supplier of the safety data sheet

Manufacturer • Pennington
9675 S. 60th Street
Franklin, WI 53132
United States

Telephone (General) • (706) 342-1234 - 8:00am-5:00pm EST

Emergency telephone number

Manufacturer • (800) 424-9300 - Chemtrec - for health and transportation related emergencies

Manufacturer • (703) 527-3887 - Chemtrec - Outside US collect calls accepted

Section 2: Hazard Identification

United States (US)

According to: OSHA 29 CFR 1910.1200 HCS

Classification of the substance or mixture

OSHA HCS 2012 • Skin Irritation 2
Eye Mild Irritation 2B
Specific Target Organ Toxicity Single Exposure 3: Respiratory Tract Irritation

Label elements

OSHA HCS 2012

WARNING



Hazard statements • Causes skin irritation
Causes eye irritation
May cause respiratory irritation

Precautionary statements

- Prevention** • Avoid breathing dust, fume, gas, mist, vapors and/or spray.
Use only outdoors or in a well-ventilated area.
Wash thoroughly after handling.
Wear protective gloves/protective clothing/eye protection/face protection.
- Response** • IF ON SKIN: Wash with plenty of soap and water.
If skin irritation occurs: Get medical advice/attention.
Take off contaminated clothing and wash before reuse.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical advice/attention.
IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a poison control center or doctor if you feel unwell.
- Storage/Disposal** • Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.
Store in a well-ventilated place.
Store locked up.

Other hazards

OSHA HCS 2012

- Under United States Regulations (29 CFR 1910.1200 - Hazard Communication Standard), this product is considered hazardous.

Section 3 - Composition/Information on Ingredients

Substances

- Material does not meet the criteria of a substance according to United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS)

Mixtures

Composition		
Chemical Name	Identifiers	%
Activated Sewage Sludge (biosolids, dried microbes)	NDA	25% TO 30%
Other ingredients	NDA	Balance

Section 4: First-Aid Measures

Description of first aid measures

- Inhalation**
 - IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing. Call a poison control center or doctor if you feel unwell.
- Skin**
 - IF ON SKIN: If skin irritation occurs: Get medical advice/attention.
- Eye**
 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
- Ingestion**
 - IF SWALLOWED: Rinse mouth. Do not induce vomiting unless told to by a poison control center or doctor.

Most important symptoms and effects, both acute and delayed

- Causes eye irritation; upper respiratory tract irritation. Causes skin irritation. 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: Use carbon dioxide, dry powder, water spray. LARGE FIRES: Use alcohol resistant foam or water spray.

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

Special hazards arising from the substance or mixture

- Unusual Fire and Explosion Hazards**
- No data available

- Hazardous Combustion Products**
- Decomposes upon heating to produce toxic vapors/gases.

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 dust formation and breathing dust. Avoid contact with skin, eyes, and clothing. Ventilate enclosed areas.

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

Environmental precautions

- Avoid runoff to waterways and sewers.

Methods and material for containment and cleaning up

- Containment/Clean-up Measures**
- SMALL DRY SPILLS: With clean shovel place material into clean, dry container and cover loosely; move containers from spill area.

Section 7 - Handling and Storage

Precautions for safe handling

- Handling**
- Avoid breathing dust. Avoid contact with skin or eyes. Use good safety and industrial hygiene practices. Use only in well ventilated areas. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Wear appropriate personal protective equipment, avoid direct contact.

Conditions for safe storage, including any incompatibilities

- Storage**
- Store in a cool, dry, well-ventilated place. Store locked up. Avoid humid or wet conditions. Keep container tightly closed. Keep only in the original container. Keep out of reach of children.

Section 8 - Exposure Controls/Personal Protection

Control parameters

- Exposure Limits/Guidelines**
- No data available.

Exposure controls

- Engineering**
- Adequate ventilation systems as needed to control concentrations of airborne

Measures/Controls contaminants below applicable threshold limit values.

Personal Protective Equipment

Pictograms



Respiratory

- If prolonged exposure is anticipated, it is recommended for handlers to wear an approved MSHA/NIOSH dust mask N-95.

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. Use of a full body suit such as Tyvek or Tychem suit is recommended.

Environmental Exposure Controls

- Avoid contaminating waterways and sewers. Avoid release to the environment.

Section 9 - Physical and Chemical Properties

Information on Physical and Chemical Properties

Material Description			
Physical Form	Solid	Appearance/Description	Variable colored granules.
Color	Variable	Odor	No data available.
Taste	No data available	Particulate Type	No data available
Particulate Size	Data lacking	Odor Threshold	No data available
General Properties			
Boiling Point	Not relevant	Melting Point/Freezing Point	Data lacking
Decomposition Temperature	Data lacking	pH	Not relevant
Specific Gravity/Relative Density	Varies	Density	No data available
Bulk Density	45 to 80 lb(s)/ft ³	Water Solubility	Slightly Soluble
Viscosity	Not relevant		
Volatility			
Vapor Pressure	No data available	Vapor Density	Not relevant
Evaporation Rate	No data available		
Flammability			
Flash Point	Not relevant	UEL	No data available
LEL	No data available	Autoignition	None
Flame Duration	No data available	Flammability (solid, gas)	No data available
Environmental			
Octanol/Water Partition coefficient	No data available		

Section 10: Stability and Reactivity

Reactivity

- No dangerous reaction known under conditions of normal use.

Chemical stability

- Stable under normal temperatures and pressures.

Possibility of hazardous reactions

- Hazardous polymerization will not occur.

Conditions to avoid

- Moisture and humid conditions.

Incompatible materials

- No data available

Hazardous decomposition products

- Decomposes upon heating to produce toxic gases.

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 • Skin Irritation 2
Serious eye damage/Irritation	OSHA HCS 2012 • Eye Mild Irritation 2B
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 • Classification criteria not met
Toxicity for Reproduction	OSHA HCS 2012 • Classification criteria not met
STOT-SE	OSHA HCS 2012 • Specific Target Organ Toxicity Single Exposure 3: Respiratory Tract Irritation
STOT-RE	OSHA HCS 2012 • Classification criteria not met

Potential Health Effects

Inhalation

- Acute (Immediate) • Causes respiratory irritation.
- Chronic (Delayed) • No data available.

Skin

- Acute (Immediate) • Causes skin irritation.
- Chronic (Delayed) • No data available.

Eye

- Acute (Immediate) • Causes eye irritation.
- Chronic (Delayed) • No data available

Ingestion

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

Mutagenic Effects

- Not classified.

Carcinogenic Effects

- Not classified.

Reproductive Effects

- Not classified.

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

Potential Environmental 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.

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 • Acute

Section 16 - Other Information

- Revision Date** • 26/January/2017
- Last Revision Date** • 26/January/2017
- Preparation Date** • 26/January/2017
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