



Revision Date: 09/16/2015

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANYProduct Name: **PennMulch Seed Accelerator**

Product Identity: Mixed granular mulch with fertilizer.

Recommended use

This product is a mixed granular mulch with fertilizer for landscape use.

Supplier/Manufacturer**Lebanon Seaboard Corporation**
1600 East Cumberland Street
Lebanon PA 17042
800-233-0628
(717-273-1685)Emergency telephone numbers:

Chemtrec (Spill) 1-800-424-9300

Prosar (Health) 888-208-1368

2. HAZARDS IDENTIFICATION**Signal Word:** None**Hazard Statements and Hazard Category:**May irritate digestive tract if consumed in quantity.
Dust may be mildly irritating if inhaled.
Keep out of reach of children.

Pictogram: None

Precautionary Statements for handling: Avoid breathing dust. Wash hands after handling. See Section 7.**Precautionary Statements for disposal -** Dispose in accordance with all federal, state and local regulations. See Section 13.**Hazards not otherwise classified (HNOC):** None

Unknown acute toxicity: <1% of the mixture consists of ingredients of unknown toxicity

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Weight %
Paper Mulch (Cellulose)	9004-34-6	90-95
Sodium polyacrylate (hydrogel)	9003-04-7	1 - 2
Ammonium nitrate	6484-52-2	0.5 - 1
Ammonium polyphosphate	68333-79-9	3 - 5
Nonhazardous fertilizers and fillers	Various	Balance

4. FIRST AID MEASURES**Eye Contact** Rinse eyes cautiously with water for several minutes. Remove any contact lenses if easy to do, and continue rinsing. If discomfort or irritation persists contact a physician.**Skin Contact** Wash with soap and water. If injury occurs, or if discomfort or irritation persists or rash occurs, contact a physician.

- Inhalation If inhaled and discomfort occurs, move to fresh air, and keep person at rest in a position comfortable for breathing. If difficulty in breathing occurs and/or persists, administer oxygen and get medical attention. If medical advice is needed, have product container or label on hand.
- Ingestion Rinse mouth. Drink Plenty of water. If you feel unwell, call a poison control center or seek medical attention. Do not induce vomiting of an unconscious person.

Self-protection of the first aider: Use any appropriate personal protective equipment as required for nuisance dusts.

Most important symptoms and effects, both acute and delayed: Nuisance dust irritation may occur with nasal discomfort under highly dusty conditions.

Indication of any immediate medical attention and special treatment needed: Treat Symptoms. Consult physician if discomfort or irritation persists. Get medical advice or attention if you feel unwell.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media

Use extinguishing media suitable to local circumstances and the surrounding environment. Options in this case include water, CO₂, ABC Dry Chemical extinguisher, or foam. Avoid stirring up dust with extinguisher stream.

Specific hazards arising from the chemical

Thermal decomposition can lead to release of irritating and toxic gases and vapors. In the event of fire, do not breathe fumes.

Explosion data

- Sensitivity to mechanical impact: None
- Sensitivity to static discharge: None

Note: Excessive amounts of any burnable dusts can produce explosive mixtures if allowed to disperse in the air in confined areas where ignition sources occur. Prevent excessive dust dispersal in areas of use, storage, or production.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and standard protective (bunker) gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures

- Personal Precautions Use dust mask and gloves as needed or other reasonable personal protective equipment as required to prevent contact with eyes or skin. Remove ignition sources prior to clean-up.
- Environmental precautions Prevent entry into waterways, sewers, basements or confined areas. Do not flush into surface water or sanitary sewer system. See Section 12 for additional ecological information.
- Methods for containment Prevent further leakage or spillage, if safe to do so.
- Methods for clean-up Use dust mask and/or reasonable personal protective equipment as required to avoid breathing dusts. Moisten or cover powder spill with plastic sheet or tarp to minimize spreading. Take up mechanically, placing in appropriate containers for disposal. Avoid creating dust. Soak up excess with inert absorbent material. Clean contaminated surface thoroughly.

7. HANDLING AND STORAGE

- Safe Handling Avoid breathing dust. Ensure adequate ventilation, especially in confined areas. Use personal protective equipment as required to avoid breathing product dusts and to prevent eye contact. Wash hands thoroughly after handling.
- Storage Conditions Keep containers tightly closed in a cool, well- ventilated place. Keep out of the reach of children.
- Incompatible materials Avoid strong acids or alkali, or other reactive substances.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH*
Nuisance Dusts	10 mg/m ³ (TWA- Total dust)	15 mg/m ³ (TWA total) 50 mppcf (TWA total) 5 mppcf (TWA respirable)	Not Established

*IDLH refers to amounts that are "Immediately Dangerous to Life or Health"

Engineering controls: Use with adequate ventilation and follow safe work practices to prevent dust buildup in air.

Individual protection measures

- Eye protection Safety glasses, or goggles if eye contact is likely
- Skin and Body Protection Gloves and standard work coveralls recommended.
- Respiratory Protection Dust mask recommended for dusty or misty conditions. If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Respiratory protection must be provided in accordance with current local regulations.
- General Hygiene When using product, do not eat, drink or smoke. Wash hands thoroughly after handling. Wash contaminated clothing before reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

- Physical state Solid
- Appearance Granules
- Color Mixed, various
- Odor Slight
- Odor Threshold No information available
- pH Not applicable
- Melting point/freezing point Not applicable
- Boiling point / boiling range Not applicable
- Flash point No information available
- Evaporation rate Not applicable
- Flammability (solid, gas) No information available
- Flammability Limit in Air
 - Upper flammability limit: No information available
 - Lower flammability limit: No information available
- Vapor pressure Not applicable
- Vapor density Not applicable
- Specific Gravity Not applicable
- Water solubility Mostly Insoluble in water, although some ingredients may dissolve.
- Solubility in other solvents No information available
- Partition coefficient No information available
- Autoignition temperature No information available
- Decomposition temperature No information available

Oxidizing properties No information available

10. STABILITY AND REACTIVITY

Reactivity

No data available

Chemical stability

Stable.

Possibility of Hazardous Reactions

May release heat and fumes when mixed in solution with incompatible reactive materials.

Hazardous polymerization

Will not occur.

Conditions to avoid

High heat, sparks and open flames, as some ingredients may be burnable.

Incompatible materials

Strong acids or alkali, or other reactive substances.

Hazardous Decomposition Products

May emit toxic fumes under fire conditions, such as Nitrogen oxides (NOx), Ammonia, Oxides of sulfur, Hydrogen chloride and Carbon monoxide.

11. TOXICOLOGICAL INFORMATION

Routes of exposure: Ingestion, eyes (contact), skin (contact), dust inhalation

Symptoms	May irritate the digestive tract if ingested in quantity, causing nausea, vomiting and diarrhea.
Sensitization	No information available.
Germ cell mutagenicity	No information available
Carcinogenicity	Not listed as carcinogenic.
Reproductive toxicity	No information available
STOT - single exposure	No information available
STOT - repeated exposure	No information available
Chronic toxicity	Lung-Nuisance dust
Target Organ Effects	Lung-Nuisance dust
Aspiration hazard	No information available
Ingestion:	Large oral doses of ammonium salts may induce diarrhea.

12. ECOLOGICAL INFORMATION

Fertilizers may be harmful to aquatic life with short term effects, causing algal bloom and increased BOD, depending on the amount released. The low fertilizer content of this product makes environmental damage very unlikely.

Persistence and degradability	Cellulose will biodegrade very slowly.
Bioaccumulation	Not expected to bioaccumulate.
Other adverse effects	No information available

13. DISPOSAL CONSIDERATIONS

This material, as supplied is not a hazardous waste according to federal regulations (40 CFR 261).

Disposal of wastes:

Vacuum, shovel or sweep up mulch and place in containers for reuse, recycling or disposal. This product is a non-hazardous waste material suitable for approved solid waste landfills. Always dispose of waste materials in accordance with all local, state and federal regulations.

No EPA Waste Numbers are applicable for this product’s components.

Contaminated packaging

No US Federal special packaging considerations at the date of this document. Follow local regulations.

14. TRANSPORT INFORMATION

DOT:	Not Regulated	ADR:	Not Regulated
Proper Shipping Name:	Non Regulated	ADN:	Not Regulated
Hazard Class:	Not Applicable	RID:	Not Regulated
IATA:	Not Regulated	IATA:	Not Regulated
Proper Shipping Name:	Non Regulated	TDG:	Not Regulated
Hazard Class:	Not Applicable	ICAO:	Not Regulated
IMDG/IMO	Not Regulated	MEX:	Not Regulated
Hazard Class	Not Applicable		
Marine Pollutant	No		

IMDG: Not a dangerous good.

ICAO/IATA: Not a dangerous good.

15. REGULATORY INFORMATION

TSCA (USA): Complies

General Product Information: This product is not federally regulated as a hazardous material.

Clean Air Act: No information is available.

Clean Water Act: This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

SARA 313 Superfund Amendments:

Ammonium nitrate (6484-52-2) and Ammonium polyphosphate (68333-79-9):

- 1 % de minimis concentration (Chemical Category N511) (related to Water Dissociable Nitrate Compounds)

SARA 311/312 Hazard Categories

Acute:	No
Chronic:	Yes
Fire:	No
Sudden release of pressure:	No
Reactive:	No

CERCLA: This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material .

State Regulations – General: This product is not regulated by any State as a hazardous material.
State Right-to-Know: Cellulose (9004-34-6): NJ, MA, PA, IL
California Proposition 65: No proposition 65 ingredients.

16. OTHER INFORMATION

Disclaimer

The information provided in this material safety data sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.