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## 1. PRODUCT AND COMPANY IDENTIFICATION

### Beet Pulp Pellets Plain

Description: Livestock and poultry feed (not for human consumption)

Restrictions: None

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

**Supplier** Pestell Nutrition  
**Address** 141 Hamilton Rd  
New Hamburg, Ontario  
Canada, N3A 2H1

**Phone** 519-662-2877

**Email** qa@pestell.com

**Emergency telephone number (24 hr)** Canada: CANUTEC 1 613-996-6666  
US: CHEMTREC 1 703-527-3887

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## 2. HAZARDS IDENTIFICATION

### No Hazardous Components

Sugarbeet Pulp Pellets are non-hazardous under normal conditions of use, storage, and handling. Cylindrical, 5/8-inch diameter by 1 to 4 inches in length, dark gray color, amine odor.

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## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Pellets are the insoluble portion of the sugar beet root (*Beta vulgaris*) from which 99% of soluble material has been removed. It is supplied in dry (less than 12% moisture), pelletized form.

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## 4. FIRST AID MEASURES

### INHALED:

Prolonged exposure to dust could lead to respiratory distress. With respiratory condition avoid dust exposure.

### INGESTION:

Non-toxic

### Eyes:

Dust is an eye irritant. Flush eyes with water if contaminated and relocate to fresh air.

## 5. FIREFIGHTING MEASURES

### Fire-Fighting Measures

#### Extinguishing media:

Ansul dry chemical. Water may be used on burning material that has been segregated from uninvolved product.

#### Special Fire Fighting Procedures:

Self-contained breathing apparatus, protective clothing. Segregation of involved, smoldering product from uninvolved product. The burning material can be extinguished with water.

#### Unusual Fire and Explosion Hazards:

Avoid getting the uninvolved product wet. Supports combustion only poorly. The relative explosion hazard of the dust is severe, similar to flour and grain products. As with any finely divided organic solid, dust may be explosive if mixed with air in critical proportions and in the presence of an ignition source. Spontaneous combustion may occur when product moisture exceeds 12%.

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## 6. ACCIDENTAL RELEASE MEASURES

### Accidental Release Measures

Steps to Be Taken in Case Material is Released or Spilled: Collect with some mechanical device. Avoid generating dust explosion hazard.

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## 7. HANDLING AND STORAGE

### Handling and Storage

Precautions to Be taken in Handling and Storing: Avoid getting material wet. Avoid excessive humidity.

Product is stable under ordinary circumstances, when maintained in its dry state and dust is minimized. Excessive moisture, dust generation, and sources of ignition are to be avoided.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Controls/Personal Protection

**No specific personal protection required. May use dust proof goggles or a dust mask if desired.**

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

Melting Point	N/A
Boiling Point	N/A
Specific Gravity (H <sub>2</sub> O=1)	0.65 - 0.70
Vapor Pressure (mm Hg.)	N/A
Vapor Density (AIR=1)	N/A

<b>Evaporation Rate( Butyl Acetate=1)</b>	<b>N/A</b>
<b>Solubility in Water:</b>	<b>Insoluble in water</b>
<b>Flash Point:</b>	Dust may ignite above 230°C (451°F)
<b>Flammable Limits:</b>	<b>N/A</b>
<b>LEL:</b>	<b>N/A</b>
<b>UEL:</b>	<b>N/A</b>

**Appearance and Odor:**

Cylindrical, 5/8-inch diameter by 1 to 4 inches in length, dark gray color, amine odor.

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## 10. STABILITY AND REACTIVITY

**Stability and Reactivity**

Stable under ordinary conditions of use and storage. Hazardous polymerization will NOT occur.

Hazardous Decomposition or Byproducts: Thermal decomposition may produce ammonia gas, carbon dioxide, carbon monoxide. Moisture above 12% may cause spontaneous combustion.

Incompatibility (Materials to Avoid): Strong oxidizers such as nitric acid or sulfuric acid

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## 11. TOXICOLOGICAL INFORMATION

Non-toxic and biodegradable.

Product contains no ingredients currently classified as carcinogenic by NTP, IARC, or OSHA.

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## 12. ECOLOGICAL INFORMATION

Non-toxic and biodegradable.

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## 13. DISPOSAL CONSIDERATIONS

Waste Disposal Method: Discard as permitted by local regulatory agencies to determine approved disposal procedure at specific location.

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## 14. TRANSPORT INFORMATION

Not applicable

## 15. REGULATORY INFORMATION

Not ordinarily regulated.

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## 16. OTHER INFORMATION

### Disclaimer

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Pestell Nutrition and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product.

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