



## MSDS - Sugar Beet

Prep: 5.17.05 Rev: 5.21.08

### Section I. Product Identification

Trade Name: Sugar Beet

**24 Hour Emergency Telephone (Canutec): 613-996-6666**

Distributed By: Pestell Minerals & Ingredients, New Hamburg, ON Canada

### Section II. Hazardous Ingredients

No hazardous Components. It is the insoluble portion of the sugar beet root from which 99% of soluble material has been removed. It is supplied dry (less than 12% moisture)

### Section III. Physical Data

Boiling Point: N/A

Evaporation Rate: N/A

Vapor Pressure: N/A

Specific Gravity (Water=1): N/A

Water Solubility (%): N/A

Melting Point: N/A

Vapor Density (Air=1): N/A

% Volatile by Volume: N/A

### Section IV. Fire and Explosion Data

Flash Point: Dust may ignite above 230°C

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.

**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%.**

## Section V. Reactivity Data

Product is stable under normal conditions of use.

Incompatibility: Strong oxidizers such as nitric acid or sulphuric acid.

Hazardous Decomposition Products: Thermal decomposition may produce ammonia gas, carbon dioxide and carbon monoxide.

## Section VI. Health Hazard Data

### Routes of Entry

Inhalation: Prolonged exposure to dust could lead to respiratory distress

Skin: N/A

Eyes: Dust is an eye irritant

Ingestion: Non toxic

**Carcinogenicity:** Product contains no ingredients currently classified as carcinogenic by NTP, IARC, OSHA

### Signs and Symptoms of Exposure

Mechanical irritation, redness, burning of eyes. Inhalation of dust may cause coughing and upper respiratory tract irritation.

**Medical Conditions Generally Aggravated by Exposure:** Asthmatics should avoid any dust exposure.

**Emergency First Aid Procedures:** Flush eyes with water. Move victim to fresh air. Get medical attention if symptoms persist.

## Section VII. Precautions for Safe Handling

### Release or Spill

Collect with some mechanical device. Avoid generating dust explosion hazard.

**Waste Disposal:** Non-toxic and biodegradable. Discard as permitted by local regulatory agencies to determine approved disposal procedure at specific location.

**Precautions for Handling and Storing:** Avoid getting material wet. Avoid excessive humidity.

## Section VIII. Control Measures

**Respiratory:** Dust mask

**Ventilation:** Local exhaust

**Clothing:** Protective gloves

**Eye Protection:** Dust proof goggles

**Avoid generation of dust. Avoid moist conditions**

## **Section IX. Special Precautions**

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

### **Disclaimer**

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