SAFETY DATA SHEET
Beet Pulp Pellets

Effective: 6/26/15
Revised: 6/26/15

The information below is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty with respect to such information, and assume no liability resulting from its use.

SECTION 1-PRODUCT IDENTIFICATION

1.1 Product Identifiers

Product Name: Beet Pulp Pellet
CAS No. NA

1.2 Relevant Uses

Identified Uses: feed

1.3 Details of the supplier of the Safety Data Sheet

Manufacture Identification: Southern Minnesota Beet Sugar Cooperative
83550 County Road 21
Renville, MN 56284
Telephone: 320-329-8305
Fax: 320-329-3311

1.4 Emergency Telephone Number:

Emergency phone #: 320-329-8305

SECTION 2- HAZARDS IDENTIFICATION

2.1 Hazard Classifications

Not a hazardous substance or mixture

2.2 Precautionary Statements

Not a hazardous substance or mixture

2.3 Description of any hazards not Classified- none

SECTION 3- COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Synonyms: Beet Pellets, Sugar Beet Pellets, Beet Pulp Pellets
Component: Sucrose, Water, beet fibers.
Formula: NA
Molecular Weight: NA
CAS-NA

Hazardous components

Component	Classification	Concentration
NA		-

Exposure Limits: PEL = NA
LD_{50} = NA

Component

Component	CAS Number	Weight %
Sucrose	0057-50-1	1-3
Water	7732-18-5	10-15
Beet Fibers		82-89

Melting Point:NA, Solid Ignition Temp: Bulk Density: approx. 40 lbs/ft^3

SECTION 4– FIRST AIDS MEASURES

4.1 Emergency and First Aid Procedures:

Ingestion:
Do not give anything to an unconscious person.

Inhalation:
Dust can be inhaled-remove to fresh air

Eye Contact:
Flush eyes with water for 15 minutes as a precaution of removing material from eyes.

Skin Contact:
Wash affected area with soap and water as a precaution.

4.2 Most important symptoms and effects, both acute and delayed
The most important known symptoms and effects are described in the labeling and/or section 11

4.3 Indication of any immediate medical attention and special treatment needed:
No Data Available

SECTION 5- FIREFIGHTING MEASURES

5.1 Extinguishing Media

Suitable Extinguishing Media
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide

5.2 Special Hazards arising from the substance or mixture
Nature of decomposition products not known

5.3 Advice for Firefighter
Wear self-contained breathing apparatus for firefighting if necessary.

5.4 Further Information
No data available

SECTION 6- ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures
Avoid breathing dust. For personal protection see section 8.

6.2 Environmental precautions
NA

6.3 Methods and materials for containment and clean up
Sweep up material on ground and dispose of

6.4 Reference to other sections

For disposal see section 13.

SECTION 7-HANDLING AND STORAGE

7.1 Precautions for safe handling

Normal measures for preventative fire protection. For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities

Keep material in a tightly closed, dry and well-ventilated place.

7.3 Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

SECTION 8-EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Components with workplace control parameters.

Component	CAS-No.	Value	Control Parameters	Basis
Sucrose	57-50-1	TWA	10 mg/m^3	USA. ACGIH Threshold Limit Values (TLV)
	Remarks	Dental erosion Not Classified as a human carcinogen		
		TWA	15 mg/m^3	USA. Occupational Exposure Limits (OSHA)- Table z-1 Limits for Air Contaminants
		TWA	5 mg/m^3	USA. Occupational Exposure Limits (OSHA)- Table z-1 Limits for Air Contaminants
		TWA	5 mg/m^3	USA NIOSH Recommended Exposure Limits
		TWA	10 mg/m^3	USA NIOSH Recommended Exposure Limits

8.2 Exposure Controls

Appropriate Engineering controls

General industrial hygiene practice

Personal Protective Equipment

Respiratory

Common dust mask is required when working with this material

Eye/face protection
Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU)

Skin protection
Not normally considered a skin hazard. When skin can come into contact with material, good personal hygiene practices are suggested. Wash hands and other exposed area with mild soap and water before eating, drinking and when leaving work

SECTION 9-PHYSICAL DATA

Molecular formula: NA
Molecular Weight: NA
Appearance: cylindrical, brown pellet
Odor: Earthy
Odor Threshold: No data available
pH: NA
Auto ignition Temp: No data available
Decomposition Temp: No data available
Viscosity: No data available

Vapor Pressure: No data available
Evaporation Rate: No data available
Vapor Density: No data available
Specific Gravity: No Data Available
Solubility in Water: Not soluble
Melting Point: NA
Boiling Point: No data available
Flash Point: No data available

SECTION 10- REACTIVITY DATA

10.1 Reactivity:
Not generally reactive
10.2 Chemical stability:
Stable at room temperature
10.3 Conditions to avoid
NA
10.4 Incompatible Materials:
Strong Acids and strong oxidizing agents
10.5 Hazardous Decomposition Products
Carbon Dioxides
10.6 Hazardous Polymerization
Will not occur

SECTION 11-TOXICITY DATA

11.1 Routes of Exposure-
Ingestion, eye or skin contact
11.2 Symptoms-
No data available for either acute

11.3 Acute Toxicity

Chemical Name	CAS Number	Oral LD50	Dermal LD 50	Inhalation LC 50
Sucrose	57-50-1	Rat 29.7g/kg	NA	NA

11.4 Carcinogenicity

No data available for sucrose

SECTION 12- ECOLOGICAL DATA

12.1 Overview

This material is not expected to be harmful to the ecology

12.2 Mobility

NA

12.3 Persistence

Changes shape with addition of water

12.4 Bioaccumulation

No Data

12.5 Degradability

Some conditions create quick degradability

12.6 Other Adverse Effects

No Data

SECTION 13-DISPOSAL INFORMATION

13.1 Disposal Methods

Dispose in accordance with all Federal, States and Local Regulations. Always contact a permitted waste disposer to assure compliance.

13.2 Waste Disposal Code(s)

Not Determined

SECTION 14-TRANSPORTATION INFORMATION

14.1 Ground-DOT Proper Shipping Name

Not regulated for transport by US DOT

14.2 Air- IATA Proper Shipping Name

Not regulated for air transport by IATA

SECTION 15- REGULATORY INFORMATION

15.1 TSCA Status

All components in this product are on the TSCA Inventory

15.2 Regulations

Sucrose- 57-50-1 (CAS #)

313 Name: No **304 RQ:** No **CERCLA RQ:** No

302 TPQ: No **CAA 112(2):** No

SECTION 16- ADDITIONAL INFORMATION

16.1 Revised: June 26, 2015

16.2 Replaces: December 6, 2013

16.3 Created: June 10, 2003