

1. PRODUCT AND COMPANY IDENTIFICATION

IDENTITY (As Used on Label and List)

SUGARBEET PULP SHREDS WITH MOLASSES

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

2. HAZARDS IDENTIFICATION

No Hazardous Components. Sugar beet Pulp Shreds with Molasses are non-hazardous under normal conditions of use, storage, and handling.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Components (Specific Chemical Identity; Common Name(s)):	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
No Hazardous Components; it is the insoluble portion of the sugar beet root (<i>Beta vulgaris</i>) from which 99% of soluble material has been removed; enough beet molasses is added to this to bring the sucrose content to slightly less than 5%. It is supplied dry (less than 12% moisture).	N/A	N/A	N/A	N/A
Sugar (Sucrose), CAS 57 - 59 - 1	N/A		N/A	NMT 5%
Ash	N/A	N/A	N/A	NMT 1%
Water	N/A	N/A	N/A	NMT 12%
Miscellaneous Organics (fiber, proteins, etc)	N/A	N/A	N/A	>80%

4. FIRST AID MEASURES

Signs and Symptoms of Exposure: Mechanical irritation, redness, burning of eyes. Inhalation of the dust may cause coughing and upper respiratory tract irritation.

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

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

5. FIREFIGHTING MEASURES

Flash Point:	Flammable Limits	LEL	UEL
Dust may ignite above 230 °C (4510F)	N/A	N/A	N/A

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. Avoid getting the uninvolved product wet.

Unusual Fire and Explosion Hazards: 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%.

6. ACCIDENTAL RELEASE MEASURES

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

7. 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.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection (Specify Type): Dust Mask.			
Ventilation:	Local Exhaust Yes	Special	N/A
	Mechanical (General) Yes	Other	N/A

Protective Gloves: Yes	Eye Protection: Dust proof goggles
Other Protective Clothing or Equipment: N/A	
Work/Hygienic Practices: Avoid generation of dust. Avoid moist conditions.	

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point	N/A
Vapor Pressure (mm Hg)	N/A
Vapor Density (AIR = 1)	N/A
Solubility in Water:	Mostly insoluble in water.
Specific Gravity (H ₂ O=1)	0.65 - 0.70
Melting Point	N/A
Evaporation Rate (Butyl Acetate = 1)	N/A

Appearance and Odor: Asymmetric, curled, dark brown, translucent, 0.5 — 3.0 cm, extremely brittle ribbons having an amine odor and low bulk density (NMT 0.5% g/cc).

10. STABILITY AND REACTIVITY

Stability:	Unstable N/A	Conditions to Avoid:
Stable under ordinary conditions of use and storage	Stable Yes	Wetness of storage area.
Incompatibility (Materials to Avoid): Strong oxidizers such as nitric acid or sulphuric acid		
Hazardous Decomposition or Byproducts: Thermal decomposition may produce ammonia gas, carbon dioxide, carbon monoxide.		

Hazardous Polymerization	May Occur N/A	Conditions to Avoid:
N/A	Will Not Occur Yes	Moisture above 12% may cause spontaneous combustion.

11. TOXICOLOGICAL INFORMATION

Route(s) of Entry:	Inhalation? Prolonged exposure to dust could lead to respiratory distress.	Skin? N/A	Ingestion? Non-toxic
Health Hazards (Acute and Chronic): Dust is an eye irritant.			
Carcinogenicity: Product contains no ingredients currently classified as carcinogenic by NTP, IARC, or OSHA.	NTP? N/A	IARC Monographs? N/A	OSHA Regulated? N/A
Signs and Symptoms of Exposure: Mechanical irritation, redness, burning of eyes. Inhalation of the dust may cause coughing and upper respiratory tract irritation.			
Medical Conditions Generally Aggravated by Exposure: Asthmatics should avoid any dust exposure.			
Emergency and First Aid Procedures: Flush eyes with water. Move victim to fresh air. Get medical help if symptoms persist.			

12. ECOLOGICAL INFORMATION

Non-toxic.

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORT INFORMATION

Not applicable.

15. REGULATORY INFORMATION

Not ordinarily regulated.

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.

Version: 2
Revision date: 6 May 2021