



Feed Dust

Safety Data Sheet

Section 1 — Identification

Product Name: Feed Dust

SDS Number: Feed

Intended Use: Food/Feed

Manufacturer: Equity Elevator & Trading Co.

3rd & Railroad Ave, Wood Lake, MN 56297

Emergency Health & Safety Number: 507-485-3430

Date Prepared: June 1, 2015

Section 2—Hazard(s) Identification

Classification: *Organic dust* **Label Elements & Signal Word:** *N/A Due to FDA labeling exemption*

Hazard Statement:

Class 2B eye irritant

May cause breathing difficulties if inhaled

May create a flash fire or explosion hazard if dust of a certain size is suspended in air at a sufficient concentration in a confined space and exposed to an ignition source.

Precautionary Statement:

May be a mechanical eye irritant.

Rinse eyes with water for several minutes.

Avoid breathing dust. Excessive inhalation may affect nose, throat, and lungs.

Feed dust may burn if suspended in air and may create a flash fire/explosion hazard. Avoid ignition sources.

Explosion Hazard:

Generally considered non-hazardous, feed dust generated from handling activities that can reduce particle size may create a hazardous condition.

When suspended in sufficient concentrations and exposed to an ignition source, feed dust may burn or flash.

In a confined space this suspended dust may fuel an explosion. Avoid ignition sources.

Section 3—Composition / Information on Ingredients

Component	CASRN	Concentration
<i>Dust from prepared animal feeds (grains, plant and/or animal proteins, vitamins and minerals)</i>	N/A	100%

Section 4—First Aid Measures

Inhalation: *Remove person from exposure. Seek medical attention for any breathing difficulty*

Ingestion: *If swallowed give several glasses of water to dilute. Never give anything by mouth to an unconscious person*

Eye Contact: *Flush eyes with water. Seek medical attention if needed*

Section 5—Firefighting Measures

Hazardous Compustion Products: *Oxides of carbon*

Special Fire Fighting Procedures: *Extinguish with water fog, dry chemical powders or foam. Do not use direct hose stream if dust can be dispersed into air. Dust dispersed by water stream in the presence of an ignitonon source could flash or explode*

Unusual Fire and Explosion Hazards: *Explosion hazard may exist for combustible dusts of certain particle size and moisture content when suspended in air at certain concentrations and subjected to an ignition source.*

Section 6—Accidental Release Measures

Clean Up: Use soft bristle broom or vacuum approved for a class II hazardous location.

Avoid dispersal of dust in the air. If compressed air is used for cleaning all sources of ignition must be removed.

Use non-sparking tools.

Dust should be kept to a minimum on all surfaces to avoid the potential of an explosion.

Section 7—Handling and Storage

Handling: Avoid dispersing dust into air. Dispersed dust with an ignition source could cause a flash fire or explosion.

Remove feed dust from processing equipment and surrounding area before using any hotwork tools such as welders, grinders, torches, or cutting tools.

Storage: Maintain dry storage, avoid dispersion of dust in air, and avoid exposure to potential ignition sources.

Section 8—Exposure Control / Personal Protection

Respiratory Protection: May cause irritation of nasal membranes or upper respiratory tract. Wear a dust mask if dust levels exceed the nuisance level.

Ventilation: Local exhaust if needed.

Mechanical: Make sure dust handling system and its components retain dust within the system preventing dust from entering work areas. Use only appropriately classified and rated electrical equipment.

Eye Protection: Safety glasses or goggles if needed in dusty conditions.

Work /Hygienic Practices: Use good personal hygiene practices. Wash before eating or drinking.

Avoid dust accumulations and control ignition sources. Use accepted engineering practices for grounding, explosion relief and venting on equipment and in areas where dust or static charges can accumulate.

Refer to appropriate OSHA, NFPA, and other applicable standards.

Section 9—Physical and Chemical Properties

Flash Point: N/A

Flammable Limits: **LEL:** Variable **UEL:** Unknown

Auto Ignition Temperature: Unknown

Appearance: Tan to dark brown possibly with a sweet odor

Solid Contents: 100%

Section 10—Stability and Reactivity

Stability: **Unstable:** **Stable:** X **Conditions to Avoid:** N/A

Incompatibility: Unknown

Hazardous Decomposition or Byproducts: Tan to dark brown possibly with a sweet odor

Hazardous Polymerization: **May Occur:** **Will Not Occur:** X **Conditions to Avoid:** N/A

Section 11—Toxicological Information

Routes of Exposure: **Inhalation:** X **Skin:** X **Eyes:** X **Ingestion:** Not likely

Carcinogenicity: **NTP:** No **IARC Monographs:** No **OSHA Regulated:** No

Acute: May be mechanical irritant to skin, and eyes. Excessive inhalation may affect nose, throat, and lungs.

Chronic: Repeated and prolonged inhalation of feed dust may affect the respiratory system. Smokers have an increased risk.

Signs and Symptoms of Exposure: Irritation to the skin, eyes, nose or throat may occur. Some may experience coughing.

Medical Conditions Generally Aggravated by Exposure: Allergies and respiratory ailments.

Section 12—Ecological Information (Non-Mandatory)

Section 13—Disposal Considerations (Non-Mandatory)

Section 14—Transportation Information (Non-Mandatory)

Section 15—Regulatory Information (Non-Mandatory)

Section (b)(5)(III) of the HCS (29 CFR 1910.1200) exempts food, including feed and any associated feed dust from the labeling requirements of the HCS. These products are instead subject to the labeling requirements of the Food & Drug Administration.

Section 16—Other Information

Animal feed is made of whole and processed grains and may contain added vitamins and minerals. Feed components generally produce a limited amount of dust in manufacturing and handling of the material.

This SDS is general and applies to most feed products. There may be some formulations that required additional information on their SDS.