



Safety Data Sheet

Whole Grain

Section 1 — Identification

Product Name: Grain

SDS Number: Grain

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 / Combustible Dust*

Label Elements & Signal Word: *Warning*

Emergency Overview

Warning: May form combustible dust concentrations in air (during processing and handling). Product dust may cause mild, mechanical irritation.

Appearance
Yellow/White

Physical State
Solid

Odor
Cereal

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.

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

Section 3—Composition / Information on Ingredients

Component	CAS-No.	Concentration
<i>Whole Grain</i>	N/A	Up to 100%
<i>Foreign Material (Such as organic plant material)</i>	N/A	0 - 5%
<i>Grain Dust</i>	N/A	0 - 5%

Section 4—First Aid Measures

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

Ingestion: *Health injuries are not known or expected under normal use.*

Skin Contact: *Wash skin with soap and water.*

Eye Contact: *Rinse eyes with water. Seek medical attention if in doubt.*

Notes to Physician: Treat symptomatically.

Section 5—Firefighting Measures

Hazardous Combustion Products: *Carbon Monoxide (CO), Carbon Dioxide (CO₂) Nitrogen Oxides (NO_x) Acrolein*

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 ignition 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 10—Stability and Reactivity

Stability: **UnStable:** **Stable:** X **Conditions to Avoid:** *Dispersing dust in air above minimum explosive level and exposure to ignition source.*

Incompatibility: *None known*

Reactivity: *None known*

Hazardous Decomposition or Byproducts: *CO₂ H₂S and oxygen deficient atmosphere under improper storage conditions.*

Hazardous Polymerization: **MayOccur:** **WillNotOccur:** 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: *Based on available data, no evidence of acute toxicity.*

Chronic: *Repeated and prolonged inhalation of grain dust may cause irritation of respiratory tract.*

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)

29 CFR 1910.1200 *defines combustible dust as a "hazard other than chemical".*

All electrical equipment must be suitable for use in hazardous atmospheres where there may be combustible dust present in accordance with 29 CFR 1910.307. NFPA 70, the Nation Electrical Code, contains guidelines for equipment suitable to meet this requirement.

Section 16—Other Information

This SDS covers grain in its natural state and does not include chemicals that may be applied by subsequent handlers and/or distributors of this product. The conditions or methods of handling, storage, use and disposal by these subsequent handlers and or distributors are beyond our control and may be beyond our knowledge.
