

# SDS



## Section 1: Identification

**Product Name:** TERRA LIG PRO FS  
**SDS Number:** L81-0236  
**Synonyms/Other Means of Identification:**  
**Intended Use:** dust control/road stabilization  
**Manufacturer:** Penny Newman Grain Co  
Fresno, CA  
**Emergency Health and Safety Number:**  
**SDS Information:** Phone: 559-448-8800  
E-mail: [safety@penny-newman.com](mailto:safety@penny-newman.com)  
URL: [www.penny-newman.com](http://www.penny-newman.com)

## Section 2: Hazard(s) identification

**Classification:** this material contains Magnesium chloride (<25%) which is considered hazardous by the osha hazard communication standard (29 cfr 1910.1200)

Serious eye damage/eye irritation- category 2

### Label Elements:

**Signal Word:** Warning

**Hazard Statement(s):** causes serious eye irritation

**Precautionary Statement(s):** read label before use. keep out of reach of children. if medical advice is needed, have product label at hand.

wear eye or face protection. avoid release to the environment. do not eat, drink or smoke when using this product. wash hands thoroughly after handling. use and store only outdoors or in a well ventilated place.

If in eyes: rinse cautiously with water for several minutes. remove contact lenses, if present and easy to do. continue rinsing. if eye irritation persists: get medical attention.

## Section 3: Composition/Information on ingredients

Component	CASRN	Concentration
Magnesium chloride	7786-30-3	0-20%
Lignin liquor	9005-53-2	0-55%
whey	92129-90-3	0-25%

## 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.

### Skin Contact:

Wash affected skin with soap and water.

### Eye Contact:

Flush eyes with water. Seek medical attention as needed.

## Section 5: FireFighting Measures

**Flash Point (method):** N/A

**Flammable Limits:** LEL: unknown UEL: unknown

**Autoignition Temperature:** unknown

**Hazardous Combustion Products:** Oxides of carbon

**Special Firefighting Procedures:** Extinguish with water fog, dry chemical powders or foam.

**Unusual Fire and Explosion Hazards:** carbon oxides

#### Section 6: Accidental release measures

avoid dust formation. avoid breathing vapors, mist orgas. for personal protection see section 8.

#### Section 7: Handling and storage

Further processing of solid materials may result in the formation of combustible dusts. the potential for combustible dust formation should be taken into consideration before additional processing occurs. provide appropriate exhaust ventilation at places where dust is formed.

for precautions see section 2.

keep container tightley closed in a dry and well-ventilated place.

storage class: Non combustible solids.

#### Section 8: Exposure controls/personal protection

**Respiratory Protection:** Not required.

**skin protection:** handle with gloces. gloves must be inspected prior to use. use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this prodcut. dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. wash and dry hands.

**Eye Protection:** Safety glasses / goggles suggested in dusty conditions

**Work/ Hygienic Practices:** Good personal hygiene practices should be followed.

#### Section 9: Physical and chemical properties

**FLASH POINT (METHOD):** N/A

**FLAMMABLE LIMITS:** LEL: UNKNOWN UEL: UNKNOWN

**AUTOIGNITION TEMPERATURE:** UNKNOWN

**Appearance:**

LIGHT BROWN LIQUID

**Upper/lower flammability or explosive limits:** n/a

**Odor:** No DATA AVAILABLE

**Vapor pressure:** N/A **Odor threshold:** N/A **Vapor density:** N/A

**pH:** 5.0 – 7.0 **Melting point/freezing point:** N/A

**Solubility(ies):** N/A **Initial boiling point and boiling range:** 221 f

**Partition coefficient** n-octanol/water: N/A

**Flash point:** N/A **Auto-ignition temperature:** N/A

**Evaporation rate:** N/A **Decomposition temperature:** N/A

#### Section 10: Stability and reactivity

**Stability:** STABLE UNDER RECOMMENDED STORAGE CONDITIONS **Stable:** X

**Incompatibility (materials to avoid):** STRONG OXIDIZING AGENTS

**Hazardous Decomposition or Byproducts:** OTHER DECOMPOSITION PRODUCTS – NO DATA AVAILABLE

**Hazardous Polymerization:** Condition to Avoid: N/A

**Will not occur:** X

**Reactivity:**

#### Section 11: Toxicological information

**Routes of Exposure:** Inhalation: X Skin: X Eyes: X Ingestion: Unlikely

**Carcinogenicity:** NO **NTP:** No **ARC Monographs:** No **OSHA Regulated:** No

**Acute:**

LD50 ORAL – RAT – 15,900 MG/KG; INHALATION: NO DATA AVAILABLE; DERMAL: NO DATA AVAILABLE

**Section 12: Ecological Information: (non-mandatory)**

**Section 13: Disposal Considerations: (non-mandatory)**

**Section 14: Transport Information: (non-mandatory)**

**Section 15: Regulatory Information: (non-mandatory)**

NO CHEMICALS IN THIS MATERIAL ARE SUBJECT TO THE REPORTING REQUIREMENTS OF SARA TITLE III, SECTION 302.

THIS MATERIAL DOES NOT CONTAIN ANY CHEMICAL COMPONENTS WITH KNOWN CAS NUMBERS THAT EXCEED THE THRESHOLD REPORTING LEVELS ESTABLISHED BY SARA TITLE III, SECTION 313.

NO KNOWN COMPONENTS SUBJECT TO 'RIGHT TO KNOW' LEGISLATION

**Section 16: Other Information**

The information in this SDS was obtained from sources THAT we believe are reliable; however, the information is provided without any representation or warranty, expressed or implied, regarding the accuracy or correctness. The conditions or methods of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage, or expense arising out of or in any way connected with the handling, storage, use, or disposal of this product.