



Section 1: Identification

Product Name: SilagePro® (water soluble)
Recommended Use: Fermentation aid for animal forage/silage inoculant (not for human consumption).

Details of the Supplier of the Safety Data Sheet:

Company: American Farm Products, Inc.
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Section 2: Hazard(s) Identification

Warning! Combustible dust



Inactive ingredients used as excipients may form combustible dust at high concentrations. Dust may act as an eye or respiratory irritant.

Section 3: Composition/Information of Ingredients

Description: Blended mixtures of freeze dried microbial food cultures and excipients to aid fermentations of animal forage.

| Components | CAS No. | % |
|---|------------|---|
| Freeze Dried Cultures: Enterococcus faecium fermentation product Dehydrated, Pediococcus pentosaceus fermentation product dehydrated, Pediococcus acidilactici fermentation product dehydrated, Lactobacillus plantarum fermentation product dehydrated | N/A | * |
| Sodium citrate | 6132-04-03 | * |
| Sodium aluminosilicate | 1344-00-9 | * |
| Bacterial Amylase | 9000-90-2 | * |
| Amyloglucosidase | 9032-08-0 | * |
| Fungal Amylase | 9001-19-8 | * |
| Cellulase | 9012-54-8 | * |

* This product is a mixture of freeze dried microbial cultures with exact percentages withheld as a trade secret.

Section 4: First-Aid Measures

Inhalation: Breathe dust-free air
Ingestion: Seek medical attention for large amounts.
Skin Contact: Rinse under running water.
Eye Contact: Flush with water.

Section 5: Fire-Fighting Measures

Special Firefighting Procedures: Combustible dust at large concentration, follow appropriate procedures.
Extinguishing Media: Water, foam, or dry chemical

Section 6: Accidental Release Measures

Personal Precautions, Protective Equipment, and Emergency Procedures: Avoid breathing dust and contact with the skin and eyes.
Methods for Containment: Prevent dust cloud.
Methods for Cleaning Up: Sweep up and shovel into suitable containers for disposal. Avoid dust formation. Following product recovery, flush area with water.

Section 7: Handling and Storage

Precautions for Safe Handling: Avoid generation of large concentrations of dust near an ignition source.
Conditions for Safe Storage Hygroscopic, heat sensitive culture. Best to store frozen or refrigerated in a clean and dry environment.
Including Any Incompatibles:

Section 8: Exposure Controls/Personal Protection

Ventilation: Avoid large concentrations of dust and provide appropriate ventilation.
Personal Protective Equipment: Appropriate mask, eyewear and clothing recommended for protection from dust.



Section 9: Physical and Chemical Properties

| | | | |
|---------------------------------|-------------------------|---------------------------------------|---------------|
| Appearance: | Off white to tan powder | Flammability: | Not available |
| Odor: | Faint | Flammability/Explosive limits: | Not available |
| pH: | Not applicable | Flash point: | Not available |
| Odor threshold: | Not available | Vapor Pressure: | Not available |
| Solubility: | Not available | Vapor Density: | Not available |
| Evaporation rate: | Not available | Relative density: | Not available |
| Boiling point and range: | Not available | Melting/freezing point: | Not available |
| Viscosity: | Not available | Auto-ignition temperature: | Not available |
| Partition coefficient: | Not available | Decomposition temperature: | Not available |

Section 10: Stability and Reactivity

| | | | |
|--------------------------------|------------|----------------------------------|-------------------------------------|
| Reactivity: | Not tested | Avoid: | Creating high concentration of dust |
| Chemical Stability: | Stable | Hazardous Reactions: | None known |
| Incompatible materials: | None known | Hazardous Polymerization: | None known |
| | | Hazardous Decomposition: | None known |

Section 11: Toxicology Information

| | |
|-----------------------------------|---|
| Likely routes of exposure: | Inhalation, ingestion, skin and eye contact |
| Toxicity: | Data on toxicity are not available |

Section 12: Ecological Information

Data on environmental toxicity are not available.

Section 13: Disposal Considerations

Dispose in accordance with local, state and federal regulations.

Section 14: Transport Information

This product is not subject to special safety regulations with regard to transport as a hazardous material. Non regulated per IATA.

Section 15: Regulatory Information

Regulated as a forage fermentation aid.

Section 16: Other Information

The above information is believed to be correct, but does not purport to be all inclusive and shall be used only as a guide. American Farm Products, Inc. shall not be held liable for any damage resulting from handling or from contact with the above product.

Effective Date: May 16, 2016