

Safety Data Sheet

1. Product and Company Identification

Product Name:

Liquitein

Product Code:

15492786, 15492787

Use of the Substance/Preparation:

For use as feed supplement swine

Manufacturer:

Form A Feed

740 Bowman Street

Stewart, MN 55385

Emergency Telephone Number:

1-877-466-6455

SDS Information:

TechMix, LLC

740 Bowman Street

Stewart, MN 55385

1-877-466-6455

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2. Hazard Identification

Classification: N/A

Label Elements: Signal Word: N/A due to FDA labeling exemption

Hazard Statement(s): Avoid contact. This substance may be toxic to blood, liver, kidneys, bladder, metabolism. Repeated or prolonged exposure to the substance can produce target organ damage.

Precautionary Statement(s): Hygroscopic. Rinse eyes with water for several minutes. Can cause target organ damage.

Emergency Overview: May cause irritation. Seek medical advice if symptoms appear.

Explosion Hazard: N/A

3. Composition/Information on Ingredients

Ingredients: Glycerin, Water, Bovine Serum, Salt, Sodium Benzoate (preservative), Ethoxyquin (preservative), Potassium Sorbate (preservative), Vitamin E Supplement, Vitamin D3 Supplement, Oregano, Corn Syrup, Acetic Acid, Citric Acid, Lactic Acid, Silicone Dioxide.

4. First Aid Measures

Inhalation: May cause irritation to the mucous membranes of the respiratory tract. Move to fresh air. If breathing becomes difficult, call a physician. Get medical attention if cough or other symptoms appear.

Ingestion: If swallowed, may cause irritation to gastrointestinal tract. May effect behavior/central nervous system and respiration. Wash mouth out with water provided person is conscious. Never give anything by mouth to an unconscious person. Do NOT induce vomiting unless directed by medical personnel. Get medical aid if irritation or symptoms occur.

Skin Contact: May cause redness and irritation. Flush with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention if irritation develops or persists. Wash clothing before reuse.

Eye Contact: May cause redness and irritation. Flush with water for 15 minutes occasionally lifting the upper and lower eyelids. If irritation develops, get medical attention.

Possible allergen to those allergic to bovine products or oregano.

5. Fire Fighting Measures

Hazardous Combustion Products: N/A

Special Fire Fighting Procedures: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Unusual Fire and Explosion Hazards: Emits toxic fumes under fire conditions. Do not breathe fumes.

6. Accidental Release Measures

Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves. Absorb on sand or vermiculite and place in closed containers for disposal.

Clean up and dispose of properly. Clean up all spills immediately and observe precautions regarding personal protective equipment.

7. Handling and Storage

Handling: Wash thoroughly after handling. Wash hands before eating. Use adequate ventilation. Avoid contact with eyes. Keep container tightly closed. Avoid ingestion and inhalation. Wash clothing before reuse. Keep away from heat and sources of ignition. Do not ingest. Do not breathe gas/fumes/vapor. Wear suitable protective clothing. Wear suitable protective equipment.

Storage: Store tightly in closed container. Store in a cool, dry, well-ventilated area.

8. Exposure Controls/Personal Protection

Respiratory Protection: Follow OSHA respirator regulations found in 29CFR1910.34. Always use a NIOSH approved respirator when necessary.

Ventilation: Use adequate ventilation. Avoid inhalation.

Local Exhaust: If needed

Mechanical (General): If needed

Protective Gloves: Wear appropriate protective gloves to prevent skin exposure.

Eye Protection: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations 29 CFR 1910.133.

Work/Hygienic Practices: Good personal hygiene practices should be followed. Wash hands and face before eating, drinking, etc.

Where appropriate, employ grounding, venting, and explosion relief provisions in accordance with accepted engineering practices in processes capable of generating static electricity. Refer to appropriate OSHA, NFPA and applicable standards.

9. Physical and Chemical Properties

Flash Point (Method): N/A

Flammable Limits: N/A

LEL: N/A

UEL: N/A

Autoignition Temperature: N/A

Appearance: Brown liquid

Solid Contents: 60-70%

10. Stability and Reactivity

Stability: Stable

Condition to Avoid: N/A

Incompatibility (Materials to Avoid): Strong bases, strong oxidizing agents.

Hazardous Decomposition or Byproducts: Carbon monoxide, carbon dioxide.

Hazardous Polymerization: Will not occur

Condition to Avoid: N/A

11. Toxicology Information

Routes of Entry

Inhalation: Yes

Skin: Yes

Eyes: Yes

Ingestion: Unlikely

Carcinogenicity: None known

NTP: No

ARC Monographs: N/A

OSHA Regulated: No

Acute: May cause skin irritation. May be harmful if absorbed through the skin. May cause eye irritation. May be harmful if inhaled. Material may be harmful to mucus membranes and upper respiratory tract.

Chronic: May be harmful if swallowed. Low hazard for usual industrial handling. Ingestion of significant amount may cause gastrointestinal upset. May cause damage to blood, liver, metabolism, bladder, and/or kidneys. May effect genetic material.

Signs and Symptoms of Exposure: Coughing, skin irritation, eye redness.

Medical Conditions Generally Aggravated by Exposure: Product contains bovine serum and oregano, those with an allergen to bovine serum or oregano may have a reaction if ingested.

12. Ecological Information

Ecotoxicity: No information available

Environmental: No information available

Physical: No information available

Other: No information available

13. Disposal Considerations

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

14. Transport Information

USDOT: Not Regulated

Hazard class: N/A

15. Regulatory Information

Section (b)(5)(iii) of the HCS (CFR 1910.1200) exempts food, including feed and therefore any associated feed dust, from the labeling requirements of the HCS since the food/feed is subject to the labeling requirements of the Food and Drug Administration.

16. Other Information

Animal feed is comprised of whole and processed grains and may contain added vitamins and minerals.

Last Updated: 8/6/2015

The information being provided in this SDS is correct to the best of our knowledge based on the information provided to us at its date of preparation. The information contained within this SDS is provided to serve only as a guide for safe handling, use, and storage and is not intended to be an all-inclusive as to the manner and conditions of use, handling, and storage. This document is not considered to be a quality specification and/or warranty. No suggestions are intended as and should not be construed as to use, handle, and/or store product in a manner that violates any Federal, State, or local laws.

N/A = Not available