

Manufactured For:
Fertilizer Company of Arizona, Inc.
2850 South Peart Road
Casa Grande, AZ 85193-9024
Phone: 520.836.7477

Material Safety Data Sheet for Furst Liquid

Section 1 – PRODUCT IDENTIFICATION

Product Name: Furst Liquid

Section 2 – INGREDIENT INFORMATION

Furst Liquid is a proprietary blend of protein hydrolysates, emulsifiers, adjuvant, and clay.

Section 3 – HEALTH HAZARDS IDENTIFICATION

Hazard rating for health, flammability, and reactivity = 0 (Insignificant).

Key:

4 – *Very High*

3 – *High*

2 – *Moderate*

1 – *Slight*

0 – *Insignificant*

Route(s) of Entry: Skin, Eye

Effects of Acute Exposure:

Eye:	Redness clearing within 24 hours
Skin:	Essentially non-irritating
Inhalation:	Not acutely toxic by the inhalation route of exposure
Ingestion:	Not acutely toxic by the inhalation route of exposure

Medical Conditions:

Generally recognized as being aggravated by exposure: None Known

Section 4 – FIRST AID MEASURES

Eye Contact: Flush eyes with plenty of water. Call physician if irritation persists

Skin Contact: Wash with plenty of soap and water. Call physician if irritation persists

Section 5 – FIRE AND EXPLOSION INFORMATION

Flash Point: N/A

Flammable Limits: N/A

Autoignition Temperature: N/A

Extinguishing Media: Foam, CO₂, Dry Chemical, Water, Fog

Special Fire-Fighting Procedures: Normal fire-fighting procedures may be used.

Unusual Fire and Explosion Hazards: No special hazards known.

Section 6 – PREVENTIVE RELEASE MEASURES

Steps to be taken in case material is released or spilled: Wear protective clothing, gloves and mask. Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

Section 7 – HANDLING AND STORAGE

Do not contaminate water, food, or feed by storage or disposal.

Product Storage: Store in a cool, dry place and in such a manner as to prevent cross contamination with other pesticides, fertilizers, food, and feed. Store in original container and out of reach of children, preferably in a locked storage area.

Section 8 – SPECIAL PROTECTION INFORMATION

Personal Protective Equipment (PPE): Applicators and other handlers must wear:

- Long-sleeve shirt and long pants
- Shoes plus socks
- Protective eyewear

Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

Section 9 – PHYSICAL AND CHEMICAL PROPERTIES

Color: Turquoise
Product State: Liquid
Odor: Moderate aroma of amino acids or protein
pH: 4.4-7.4
Solubility in water: Soluble
Density: 9.0-9.09 lbs./gal.
Vapor Density (Air=1): N/A
Evaporation Rate (Butyl Acetate=1): N/A
Boiling Point: 212°F
Freezing Point: 32°F

Section 10 – STABILITY AND REACTIVITY

Stability: Stable at room temperature
Incompatibility: **Furst Liquid** is compatible with most commonly used agricultural nutrients, fungicides, insecticides, herbicides, micronutrients and spray adjuvants. If compatibility with another product is unknown, a jar test for physical compatibility should be conducted before field mixtures are made. Read and recognize all cautions and limitations on labeling of all products used in mixtures.
Hazardous Decomposition Products: None Known

Section 11 – TOXICOLOGY INFORMATION (See also Section 3)

LD50 (Acute Oral Tox): >5000 mg/kg (rats)
LD50 (Acute Dermal Tox): >5000 mg/kg (rabbits)
Effects of Chronic Exposure: None Known
Sensitization: Not a sensitizer
Carcinogenicity: Not a carcinogenic based on data supporting active ingredients
Reproductive Toxicity: Not a reproductive toxicant based on data supporting active ingredients
Teratogenicity: Not teratogenic based on supporting active ingredients
Mutagenicity: Not a mutagenic Based on data supporting active ingredients

Section 12 – ECOLOGICAL INFORMATION

Environmental Data: Degrades rapidly in the environment

Section 13 – DISPOSAL CONSIDERATIONS

Product Disposal: Wastes resulting from the use of Furst Liquid may be disposed of on-site or at an approved waste

disposal facility.

Container Disposal: Do not reuse any part of the packaging. Dispose of all containers and packaging in a sanitary landfill, by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of the smoke.

Section 14 – TRANSPORTATION INFORMATION

US D.O.T Information: Freight Classification – 2875, Fertilizers – Mixing Only
Canadian Shipping Name: Not available
TDG Classification: Not available
PIN/NIP: Not available
Packing Group: NC

Section 15 – REGULATORY INFORMATION

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Version Date: March 4, 2010
N/A = Not Applicable

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