

# SAFETY DATA SHEET

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

### FORMULATED FOR:

**First Turf & Ornamental Corp.**  
**3400 Monroe Ave. Suite 290**  
**Rochester, NY 14618**  
**(585) 978-3802**

**PRODUCT NAME:** First-L Amino Root  
**CHEMICAL NAME:** Amino Acid Fertilizer Blend

**Date of Issue:** February 12, 2024

## 2. HAZARDS IDENTIFICATION SUMMARY

### GHS RATINGS:

Signal Word: None

### GHS Hazards:

None classified

According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200: This material is not hazardous under the criteria of the Federal OSHA Hazard Communication Standard

### Precautions:

Read label before use.

Keep out of reach of children.

If medical advice is needed, have product container or label at hand.

## 3. COMPOSITION & INFORMATION ON INGREDIENTS

No hazardous ingredient exceeds 1% of mixture.

#### 4. FIRST AID MEASURES

**If in eyes:** Immediately rinse with water for 5 minutes  
**If on skin:** Wash skin with soap and water  
**If swallowed:** Rinse mouth with water and drink large a quantity of water  
**If inhaled:** Remove product or move person to fresh air

#### 5. FIRE FIGHTING MEASURES

**FLASH POINT (°F/Test Method):** Aqueous solution, will not burn  
**FLAMMABLE LIMITS (LFL & UFL):** Not applicable  
**EXTINGUISHING MEDIA:** Use foam, CO<sub>2</sub>, dry chemical, or water  
**HAZARDOUS COMBUSTION PRODUCTS:** Not applicable  
**SPECIAL FIRE FIGHTING PROCEDURES:** Remove container from fire area

#### 6. ACCIDENTAL RELEASE MEASURES

##### STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

Stop leak, contain spill, and absorb with soil or natural absorbents. Sweep up waste and place in container for disposal. Wash down area. Uncontaminated spilled material may be reused.

#### 7. HANDLING AND STORAGE

**HANDLING:** Avoid eye contact and prolonged skin contact. Respiratory protection is normally not required. Sealed containers may develop pressure, open with caution. Wash hands thoroughly after handling the product.  
**STORAGE:** Store in the original labeled container in a cool place away from direct sunlight. Keep separate from food and feed products and out of reach of children and animals. Avoid storage at temperatures of 110°F or higher. Corrosive to steel, aluminum, brass. Use with stainless steel or PVC fittings. Product may stain unfinished wood, painted surfaces, or concrete.

#### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**ENGINEERING CONTROLS:** Not normally required.  
**RESPIRATORY PROTECTION:** Not normally required.  
**PERSONAL PROTECTIVE EQUIPMENT:** Chemical goggles or shielded safety glasses and rubber or neoprene gloves are recommended.

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE AND ODOR:** Dark brown odorless liquid  
**SOLUBILITY:** Complete  
**pH:** 4-5.5  
**SPECIFIC GRAVITY (Water = 1):** 1.1  
**VAPOR PRESSURE:** Not established  
**PERCENT VOLATILE (by volume):** Not established  
**BULK DENSITY:** 9.3  
**BOILING POINT:** Not established  
**EVAPORATION RATE:** Not established  
Note: These physical data are typical values based on material tested but may vary from sample to sample. Typical values should not be construed as a guaranteed analysis of any specific lot or as specification items.

#### 10. STABILITY AND REACTIVITY

**STABILITY:** Stable for at least 2 years under normal conditions.  
**INCOMPATIBILITY:** Strong acids and bases  
**HAZARDOUS DECOMPOSITION PRODUCTS:** Not applicable  
**HAZARDOUS POLYMERIZATION:** Will not occur.

## 11. TOXICOLOGICAL INFORMATION

**Acute Oral LD<sub>50</sub>(rat):** Not established

**Acute Dermal LD<sub>50</sub>(rabbit):** Not established

**Eye Irritation (rabbit):** Not established

**Skin Irritation (rabbit):** Not established

**Inhalation LC<sub>50</sub>(rat):** Not established

**Skin Sensitization (guinea pig):** Not established

**Carcinogenic Potential:** None listed in OSHA, NTP, IARC, or ACGIH

## 12. ECOLOGICAL INFORMATION

**Ecotoxicology:** Due to the non-toxic classification of this product no negative impact on wildlife is expected.

**Biodegradation:** Oxidation and microorganisms.

## 13. DISPOSAL CONSIDERATIONS

**Waste disposal:** Contaminated absorbents and surplus product should be buried in accordance with any local legislation.

**Container disposal:** Wash thoroughly with water and soap prior to reuse.

## 14. TRANSPORT INFORMATION

**DOT Shipping Description:** NOT REGULATED BY USDOT.

**U.S. Surface Freight Classification:** FERTILIZING COMPOUNDS (MANUFACTURED FERTILIZERS), NOI;  
LIQUID (NMFC 68140, SUB 6)

## 15. REGULATORY INFORMATION

|                                        |                |            |                |
|----------------------------------------|----------------|------------|----------------|
| <b>NFPA &amp; HMIS Hazard Ratings:</b> | NFPA           |            | HMIS           |
|                                        | 1 Health       | 0 Least    | 1 Health       |
|                                        | 0 Flammability | 1 Slight   | 0 Flammability |
|                                        | 0 Instability  | 2 Moderate | 0 Reactivity   |
|                                        |                | 3 High     | H PPE          |
|                                        |                | 4 Severe   |                |

**Reportable Quantity (RQ) under U.S. CERCLA:** Not listed

**TSCA (Toxic Substance Control Act):** Mixture not listed or excluded from listing

**Reportable Quantity (RQ) under U.S. CERCLA:** Not listed

**SARA, Title III, Section 313:** Not listed

**RCRA Waste Code:** Not listed

## 16. OTHER

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