



# Safety Data Sheet (SDS)

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Rightline HEROIC 450™ Complete Turf Fertilizer

Revision Date: August 2025

## Section 1: Identification

Product Name: Rightline HEROIC 450™ Complete Turf Fertilizer

Recommended Use: Liquid fertilizer

Manufactured for: Rightline LLC

Emergency Phone: 770 335 3015

## Section 2: Hazard Identification

Signal Word: CAUTION

Hazard Statements: May cause eye irritation. May be harmful if swallowed.

Precautionary Statements: Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling.

## Section 3: Composition/Information on Ingredients

Identification	Chemical Name	Concentration
CAS: 7732-18-5	Water	60–75%
CAS: 57-13-6	Urea	25–35%
CAS: 7778-53-2	Tripotassium orthophosphate	25–<50%
CAS: 7758-11-4	Dipotassium hydrogenorthophosphate	25–<50%
CAS: 7778-80-5	Potassium sulfate	2.5–<10%
CAS: N/A	Trade Secret	3–<7%



#### **Section 4: First Aid Measures**

Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses if present. If irritation persists, seek medical attention.

Skin Contact: Wash with soap and water. If irritation develops, seek medical attention.

Inhalation: Move to fresh air. Seek medical attention if symptoms occur.

Ingestion: Rinse mouth. Do not induce vomiting. Seek medical attention.

#### **Section 5: Firefighting Measures**

Suitable Extinguishing Media: Water spray, foam, carbon dioxide, dry chemical.

Specific Hazards: May release irritating gases under fire conditions.

Protective Equipment: Firefighters should wear self-contained breathing apparatus.

#### **Section 6: Accidental Release Measures**

Contain spill. Absorb with inert material. Avoid discharge into waterways. Use protective equipment.

#### **Section 7: Handling and Storage**

Handling: Avoid eye and skin contact. Wash hands after handling.

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

#### **Section 8: Exposure Controls/Personal Protection**

Engineering Controls: Provide adequate ventilation.

Personal Protective Equipment:

- Eye protection: Safety glasses with side shields
- Skin protection: Protective gloves
- Respiratory protection: Not normally required under normal use conditions



## **Section 9: Physical and Chemical Properties**

Appearance: Brown liquid

Odor: Mild

pH: ~7-9

Density: 11.1 lbs/gal

Solubility: Fully soluble in water

## **Section 10: Stability and Reactivity**

Stability: Stable under normal storage and handling conditions.

Hazardous Reactions: None known under normal conditions of use.

Incompatible Materials: Strong acids, oxidizing agents.

Decomposition Products: May produce oxides of nitrogen, phosphorus, and potassium.

## **Section 11: Toxicological Information**

Potential Effects: May cause mild eye and skin irritation. May be harmful if swallowed in large quantities.

Routes of Exposure: Eye, skin, ingestion.

## **Section 12: Ecological Information**

Environmental Effects: Avoid release into the environment. May contribute to nutrient loading in waterways.

## **Section 13: Disposal Considerations**

Dispose of in accordance with local, regional, national, and international regulations.



#### **Section 14: Transport Information**

DOT: Not regulated as a hazardous material.

TDG: Not regulated.

IMDG/IATA: Not regulated.

#### **Section 15: Regulatory Information**

This product is a fertilizer. All components are either exempt or listed on the TSCA Inventory.

#### **Section 16: Other Information**

Prepared for Rightline LLC Website: [www.rightlineusa.com](http://www.rightlineusa.com) Phone (770) 335 3015

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