

SAFETY DATA SHEET

Lightning Start

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Section 1: Product and Company Identification

Product Name:	Lightning Start
Common/Generic Name:	Fertilizer (NPK)

Section 2: Hazards Identification

EMERGENCY OVERVIEW

Product poses little or no hazard if spilled and no unusual hazard if involved in a fire.

POTENTIAL HEALTH EFFECTS

HUMAN EFFECTS AND SYMPTOMS OF OVEREXPOSURE

General Effects of Exposure	
Acute Effects of Exposure:	Liquid splash can be irritating to eye, respiratory and gastrointestinal tract.
Chronic Effects of Exposure:	None known.
Carcinogenic Components:	
NTP:	None
IARC:	None
OSHA:	None
Medical Conditions Aggravated by Exposure:	None known.

Section 3: Composition/Information of Ingredients

HAZARDOUS INGREDIENTS: Contains no hazardous ingredients under OSHA definition (29 CFR 1910.1200). This SDS contains information for the safe and proper handling and use of the product.

CHEMICAL	PERCENTAGE BY WEIGHT
Total Nitrogen (N)(0.5 Nitrate Nitrogen)	0.2
Available Phosphate (P2O5)	0.2
Soluble Potash (K2O)	0.7

Section 4: First Aid Measures

First Aid for Eye:	In case of contact, flush with plenty of water for at least 15 minutes. Contact a physician if irritation develops.
First Aid for Skin:	In case of skin contact, wash affected areas with soap and water. Contact a physician if irritation develops.
First Aid for Inhalation:	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.
First Aid for Ingestion:	Contact poison control center or a physician.
Route(s) of Entry:	Accidental: Eye respiratory tract contact or ingestion– a liquid splash to the eyes or mucous membranes could be irritating to the eye, respiratory or gastrointestinal tract.

Section 5: Fire Fighting Measures

Flash Point:	N/A
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Flammable Limits:

Upper Explosion Limit (UEL %):	N/A
Lower Explosion Limit (LEL %):	N/A
Auto-ignition Temperature:	Not Established
<u>Extinguishing Media:</u>	
Suitable:	Water, Dry Chemical, Carbon Dioxide, Foam

Special Fire Fighting Procedures:	Firefighters should be equipped with self-contained breathing apparatus to protect against potentially toxic and irritating fumes.
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Section 6: Accidental Release Measures

Spill or Leak Procedures:	Avoid touching or walking through spilled material. Avoid spilled material from contact with drains, sewers, soil, waterways and soil. Follow all local and state environmental regulations (see Section 13).
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Section 7: Handling and Storage

Handling Precautions:	Avoid contact with eyes, inhalation or ingestion of this product. Do not eat, drink, smoke, or apply contacts lenses or cosmetics when handling this material. Wash hands thoroughly after use and prior to eating, drinking, smoking or applying contacts or cosmetics.
Storage Precautions:	Store in accordance with local regulations. Do not store with foodstuffs or incompatible chemicals (See Section 10).

Section 8: Exposure Controls/Personal Protection

Personal Protection Equipment

Eye Protection Requirements:	Wear goggles to avoid any splash to the eyes and mucous membranes, flush eyes of affected body part with water if a liquid splash occurs.
Skin Protection Requirements:	Wash hands and face after use and before eating, drinking, using tobacco products or applying contact lens or cosmetics. Contaminated clothing should be removed and washed separately. Wash affected body area with soap and water to remove residue.
Ventilation Requirements:	Under normal conditions of use, special ventilation is not required.
Respirator Requirements:	Avoid contact with eyes, or ingestion of this product. Use of a respirator is not anticipated, but if required by a risk assessment, wear an approved NIOSH respirator and conform to all OSHA respirator regulations (29 CFR 1910.134).

Section 9: Physical and Chemical Properties

Physical Form:	Liquid
Color and Pantone:	Brown ; Pantone 7519
Odor:	Odorless
pH:	4.6
Boiling Point:	Not Applicable
Melting/Freezing Point:	Not Established
Viscosity:	Not Established
Solubility in Water:	Soluble
Specific Gravity:	Not Established
Bulk Density:	Not Established
Vapor Pressure:	Not Established

Section 10: Stability and Reactivity

Stability:	Stable
Hazardous Polymerization:	Will not occur
Substances to Avoid:	None known.
Conditions to Avoid:	None known.
Decomposition Products:	None known.

Section 11: Toxicological Information

Toxicity Data for

Toxicity Note:	No data available for this product.
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Section 12: Ecological Information

Ecological Data for

Ecological Note:	No known effects or significant hazards.
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Section 13: Disposal Considerations

Waste Disposal Method:	Dispose of in accordance with existing federal, state and local environmental regulations.
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Section 14: Transportation Information

Technical shipping name:	
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Domestic Surface Transportation (DOT)

Hazard Class or Division:	Non-Regulated
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Marine Transportation (IMO / IMDG)

Hazard Class Division Number:	Non-Regulated
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Air Transportation (ICAO / IATA)

Hazard Class Division Number:	Non-Regulated
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Section 15: Regulatory Information

United States Federal Regulations

OSHA Hazcom Standard Rating:	Not subject to OSHA
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CERCLA Hazardous Substance:

<u>Component(s)</u>	<u>Reportable Quantity</u>
None	

SARA Title III

SARA Section 302 Extremely Hazardous Substances:

<u>Component(s)/</u>	<u>Concentration</u>	
<u>CAS Number</u>	<u>Min.</u>	<u>Max.</u>
Exempt		

SARA Section 311/312 Hazard Categories:	Non-hazardous under Section 311/312
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Section 16: Other Information

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SDS Version: 1.0

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