

SAFETY DATA SHEET

Big Bend Agri-Services, Inc.



Version 1.0
Print Date 9/29/23

1. Identification

Product Name: Supra-Phite 0-0-29
Synonyms: None
Product Use: Foliar Fertilizer
Manufacturer/Supplier: Big Bend Agri-Services, Inc.
Address: 328 1st Ave NE Cairo, GA 39828
Phone: 800.321.7709
Emergency contact: ChemTel 800.255.3924

2. Hazard Identification

Signal Word: Warning
Skin Irritation: Causes skin irritation.
Eye Irritation: Causes serious eye irritation.
Acute Toxicity Oral: Excessive ingestion may cause irritation of the digestive tract.
Acute Toxicity Dermal: No hazard expected.
Hazard Categories: Oral/Dermal/Inhalation Toxicity - 5/5/5; Eye Irritation - 2A; Skin Irritation - 2
Hazard Statement: May be harmful if swallowed.
May be harmful in contact with skin.
Causes serious eye irritation.
Causes skin irritation.
May be harmful if inhaled.



3. Composition / Information on Ingredients

Component: Blend of plant nutrients derived from Urea, Potassium Hydroxide and Phosphorus Acid.

GUARANTEED ANALYSIS:

Total Nitrogen (N):	0.00%
Available Phosphoric Acid (P ₂ O ₅):	0
Soluble Potash (K ₂ O):	29.00%

CAS Number: Proprietary
Weight %: 100.00

4. First Aid Measures

Eye: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if irritation persists.

Skin: Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if irritation develops.

Inhalation: Move to fresh air. Obtain medical attention if irritation develops. If person is not breathing, call 911, then give mouth-to-mouth, if possible.

Ingestion: Drink large volumes of water. Call a physician or poison control center.

Indication of Immediate Medical Attention and Special Treatment Needed: In the event of an adverse response, treatment should be directed toward control of the symptoms and the clinical condition of the patient.

5. Fire Fighting Measures

Extinguishing Media: Non-combustible product. Use extinguishing media for underlying cause of fire.

Specific Hazards Arising from the Chemical: Product may produce phosphoric pentoxide under fire conditions. May produce hydrogen gas if in contact with certain metals, such as mild steel, aluminum alloy, brass, tin and galvanized metals.

Special Fire Fight Proc: Wear positive-pressure self-contained breathing apparatus and full protective clothing. Use water spray to keep fire-exposed containers cool.

6. Accidental Release Measures

Personal Precautions: Keep unprotected and unnecessary personnel out of area.

Protective Equipment: Splash-proof goggles or face shield, impervious gloves, apron and footwear. NIOSH-approved respirator if mist or spray is present. Safety shower and eyewash should be available.

Emergency Procedures: Do not contaminate water supplies, lakes, streams, ponds or drains with spilled product.

Methods and Materials for Containment and Cleanup: Contain spill. If uncontaminated, collect and reuse product. If contaminated, absorb on sand or clay and place in a recovery drum for proper disposal.

7. Handling and Storage

Precautions for Safe Handling: Keep locked up and out of reach of children. Do not contaminate water, food or feed by storage, handling or disposal. Keep container tightly closed. Do not allow water to be introduced into the contents of the container.

Conditions for Safe Storage: Store in original container only. Protect from frost. Store at temperatures above 32 Degrees F.

8. Exposure Controls / Personal Protection

TLV/PEL: No TLV or PEL available for mixture.

Appropriate Engineering Controls: Local exhaust should be sufficient.

Personal Protective Equipment: Impervious gloves, splash-proof goggles, impervious apron and footwear. Safety shower and eyewash should be available. If mist is present, use a NIOSH-approved mist-type canister respirator.

9. Physical and Chemical Properties

Odor/Appearance: Clear colorless liquid; low odor.

Flash Point, °F: Non-combustible

Boiling Point, °F: 212 Degrees F

Melting Point (Freezing point), °C: <-15 Degrees F

Vapor Pressure, mm Hg @ 20°C: Not established

Vapor Density: Not established

Solubility in Water: Soluble

Molecular Formula: Not applicable, formulated mixture.

Density, g/mL @ 25°C : 1.430–1.440

pH: 4.8-6

Flammable Limits (approximate volume % in air): Not applicable

Auto-ignition Temperature: Not applicable

Decomposition temperature: No information found

10. Stability and Reactivity

Reactivity: No information found

Chemical Stability: Stable

Hazardous Decomposition Products: Will react with certain metals with evolution of hydrogen giving rise to potentially flammable and explosive mixtures.

Hazardous Polymerization: Will not occur

Conditions to Avoid: Avoid extremes of temperature.

Incompatible Materials: Caustic soda, chlorates, nitrates, calcium carbide, etc., mild steel, aluminum alloy, brass, tin, and galvanized metals.

11. Toxicological Information

Acute Toxicity (Oral LD50): No LD50 available. Excessive ingestion may cause irritation of the digestive tract.

Acute Toxicity (Dermal LD50): No LD50 available.

Acute Toxicity Inhalation LC50: No LD50 available. Inhalation of spray mist may produce upper respiratory tract irritation.

Likely Routes of Exposure: Skin, eyes, ingestion, inhalation

Skin Irritation: May cause skin irritation.

Eye Irritation: May cause eye irritation.

Skin Sensitization: No information found.

Carcinogenic: None currently known.

Chronic Effects: No information found.

Other Hazards: None currently known.

12. Ecological Information

Eco-toxicity: No information found

Persistence and Degradability: No information found

Bio-accumulative Potential: No information found

Mobility in Soil: No information found

Other Adverse Effects: No information found

13. Disposal Considerations

Waste Disposal Method: This material must be disposed of according to Federal, State or Local procedures under the Resource Conservation and Recovery Act.

14. Transport Information

UN Proper Shipping Name: Not regulated by DOT, IATA or IMDG.

Transport Hazard Class: None

UN Identification Number: None

Packaging Group: None

Environmental Hazards: No information found

Transport in Bulk: No information found

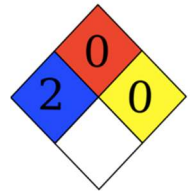
Special Precautions for Transportation: No information found

Freight Classification: Fertilizing Compound, (Manufactured Fertilizer), Liquid, NOIBN (NMFC Item 68140, Sub 6, Class 70)

15. Regulatory Information

National Fire Protection Association Rating:

Health: 2 Fire: 0 Reactivity: 0
Rating Level: (4-Extreme, 3-High, 2-Moderate, 1-Slight, 0-Minimum)



S.A.R.A Title III Hazard Classification (Yes/No):

Immediate (Acute) Health: Y

Delayed (Chronic) Health: N

Sudden Release of Pressure: N

Fire: N

Reactive: N

16. Other Information

Date of Preparation/Revision: September 29, 2023

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