

# Texas Pasture Plus 15-5-5

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## Section 1 - Chemical Product and Company Identification

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**Product:** Texas Pasture Plus 15-5-5

**Chemical Name:** NPK Fertilizer Solution

**Chemical Formula:** NA

**CAS Number:** NA

**General Use:** Plant Nutrients

**Manufacturer:** 101 FM 1239 Eddy Tx, 76524 Ph 254-859-3148 Fax 254-859-3150

**CHEMTREC 1-800-424-9300**

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## Section 2 - Typical Composition

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Percent

Plant Nutrients (NPK) in an aqueous solution.

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## Section 3 - Physical and Chemical Properties

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**Physical State:** Liquid **Appearance and Odor:** Green, odorless solution. **Vapor Pressure:** NA

**Vapor Density (Air=1):** NA

**Specific Gravity (H<sub>2</sub>O=1):** 1.201 - 1.211

**Water Solubility:** Totally Soluble

**Boiling Point:** 200 F

**Freezing Point:** Below 32 F

**% Volatile:** NA

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## Section 4 - Fire-Fighting Measures

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**Flash Point:** NA

**Flash Point Method:** NA

**LEL:** NA

**UEL:** NA

**Flammability Classification:** NA

**Extinguishing Media:** Use extinguishing media appropriate for surrounding materials.

**Unusual Fire or Explosion Hazards:** None

**Hazardous Decomposition Products:** Phosphorous oxides, nitrogen oxides, hydrogen chloride, ammonia, and cyanuric acid.

**Fire-Fighting Instructions:** Do not release contaminated runoff from fire control methods to sewers or waterways.

**Fire-Fighting Equipment:** Because fire may produce hazardous decomposition products, wear a self-contained breathing apparatus (SCBA) with a full facepiece operated in positive-pressure mode.

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## Section 5 - Stability and Reactivity

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**Stability:** Stable under normal storage and handling conditions.

**Polymerization:** Hazardous polymerization will not occur.

**Chemical Incompatibilities:** NA

**Conditions to Avoid:** Evaporation to dryness.

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## Section 6 - Health Hazard Information

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### Potential Health Effects

**Primary Entry Routes:** Inhalation (of mist), Ingestion, Eye Contact, Skin Contact (irritation)

### Acute Effects:

**Inhalation:** May cause irritation of respiratory tract.

**Eye:** Contact may cause irritation. This product contains compounds corrosive to the eyes.

**Skin:** Contact may cause irritation.

**Ingestion:** Ingestion may cause irritation of the gastrointestinal tract, cramps, vomiting, convulsions, or diarrhea.

**Carcinogenicity:** IARC, NTP, and OSHA do not list this product as a carcinogen.

**Medical Conditions Aggravated by Long-Term Exposure :** Existing skin and lung disorders may be aggravated by exposure.

**Chronic Effects:** Chronic ingestion may cause damage to heart, liver, and blood-forming tissues. Ingestion of large quantities may cause headache, mental impairment, dizziness, and may be fatal.

## **Emergency and First Aid Procedures**

**Inhalation:** Remove from areas of mist exposure, if irritation persists, seek medical attention.

**Eye Contact:** Wash eyes immediately and thoroughly (15 minutes) with eyewash, seek medical attention.

**Skin Contact:** Wash skin promptly to remove material. If irritation persists, seek medical attention.

**Ingestion:** Drink milk or large amounts of water and get medical attention. If prompt medical attention is not available, call your local Poison Control Center.

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## **Section 7 - Spill, Leak, and Disposal Procedures**

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### **Spill/Leak Procedures:**

**Small Spills:** Absorb with sand or other inert material and dispose of in accordance with applicable regulations.

### **Large Spills**

**Containment:** For large spills, dike far ahead of liquid spill for later disposal. Do not release into sewers or waterways.

**Cleanup:** Contained materials may be salvaged for use, if uncontaminated.

**Regulatory Requirements:** Follow applicable OSHA regulations for cleanup personnel and EPA requirements for disposal.

**Disposal:** Contact your supplier or a licensed contractor for detailed recommendations. Follow applicable Federal, state, and local regulations if material is not salvageable for use.

**Disposal Regulatory Requirements:** Follow applicable Federal, state, and local regulations.

**Container Cleaning and Disposal:** Triple rinse and use rinseate in product tank. Dispose of container per applicable regulations.

**Ecological Information:** This product contains copper compounds that exhibit aquatic plant and fish toxicity characteristics. This product contains nitrogen compounds that are moderately toxic to aquatic life and may cause eutrophication.

### **EPA Regulations:**

SARA 311/312: This product exhibits acute and chronic effects per 1910.1200 and may require reporting under SARA 311/312.

SARA 313 Toxic Chemical (40 CFR 372.65): This product contains 1.0% by weight of nitrate compounds, and 1.8% by weight of ammonia in aqueous solution (10% of this total is reportable).

SARA EHS (Extremely Hazardous Substance) (40 CFR 355): Not listed

### **OSHA Regulations:**

Air Contaminant (20 CFR 1910.1000, Table Z-1): Aqueous Ammonia: PEL = 50 ppm (Ammonia)

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

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### **Engineering Controls:**

**Ventilation:** Provide general or local exhaust ventilation systems to maintain airborne concentrations below OSHA PELs.

## **Administrative Controls:**

**Respiratory Protection:** Respiratory protection may be needed if airborne mists are created. Seek professional advice prior to respirator selection and use. Follow OSHA respirator regulations (29 CFR 1910.134) and, if necessary, wear a NIOSH-approved respirator. Select respirator based on its suitability to provide adequate worker protection for given working conditions, level of airborne contamination, and presence of sufficient oxygen. *Warning! Air-purifying respirators do not protect workers in oxygen-deficient atmospheres.* If respirators are required, OSHA requires a written respiratory protection program that includes at least: medical certification, training, fit-testing, periodic environmental monitoring, maintenance, inspection, cleaning, and convenient, sanitary storage areas.

**Protective Clothing/Equipment:** Wear chemically protective gloves to prevent prolonged or repeated skin contact. Wear protective eyeglasses or chemical safety goggles, per OSHA eye- and face-protection regulations (29 CFR 1910.133).

**Safety Stations:** Make emergency eyewash stations, emergency showers, and washing facilities available in work area.

**Contaminated Equipment:** Separate contaminated work clothes from street clothes. Launder before reuse. Remove this material from your personal protective equipment.

**Comments:** Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.

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## **Section 9 - Special Precautions and Comments**

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**Handling Precautions:** Use in accordance with labeling instructions. Keep away from children, pets, domestic animals, and wildlife.

**Storage Requirements:** Store in properly labeled containers.

**DOT Transportation Data (49 CFR 172.101):**

**Not Regulated as a DOT Hazardous Material (4/98)**

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