



**Material Safety Data Sheet  
17-2-5 Fluid Fertilizer**

**Section I. PRODUCT IDENTIFICATION**

Trade Name (as Labeled): 17-2-5 Fluid Fertilizer  
Manufacturer's Name: Farm Chemicals, Inc. (FCI)  
Complete Mailing Address: 2274 St. Pauls Hwy, Raeford, NC 28376  
Phone Number for Additional Information: 910-875-4277  
or Chemtrec 24-hour Emergency Response: 1-800-424-9300  
Date Prepared or Revised: 01-19-2006 Name of Preparer: AK Leach, Jr.

**Section II. INGREDIENTS**

Ingredients	CAS #	Wt%	ACGIH-TLV	OSHA PEL
Ammonium polyphosphate	8357-70	2-20%	10mg/mg3 RWA	Not Available
Potassium Chloride	7447-40-70	5-80%	10mg/mg3 RWA	Not Available
Urea	57-13-6	20-50%	NE	Not Available

Not a DOT regulated material.  
NFPA and HMIS Rating: 1, 0, 0; Health, Flammability, Reactivity

**NOTE: THIS PRODUCT IS NOT CLASSIFIED AS AN OXIDIZER, AND DOES NOT REQUIRE PLACARDING OR SPECIAL HANDLING.**

**Section III. HAZARDOUS INGREDIENTS**

None

**Section IV. PHYSICAL PROPERTIES**

Vapor Density (Air=1): Non-pressure Melting Point or Range: Aqueous solution.  
Specific Gravity: 1.36 (20° C) Boiling Point or Range: >212° F (100° C)  
Solubility in Water: N/A  
Vapor Pressure, mm Hg at 20°C: Non-pressure aqueous solution.  
Appearance and Odor: Clear, slight ammonia and salt smell.

### Section V. FIRE AND EXPLOSION

Flash Point, °F (Give Method): Non-flammable aqueous solution. Auto Ignition Temperature, °F: N/A  
Flammable Limits in Air, Volume %: N/A Lower (LEL): N/A Upper (UEL): N/A  
Fire Extinguishing Materials:

X\_ Water Spray X Carbon Dioxide Other X Foam X Dry Chemical  
Special Fire Fighting Procedures: May decompose to form ammonia and nitrogen oxides.

Do not enter any confined fire space without proper respiratory equipment.  
Unusual Fire and Explosion Hazards: Not explosive. Do not store near oxidizable materials.

### Section VI. HEALTH HAZARD INFORMATION

#### SYMPTOMS OF OVEREXPOSURE - FOR EACH POTENTIAL ROUTE OF EXPOSURE

Inhaled: No expected toxicity by inhalation. Vapor may cause respiratory irritation.  
Contact with Skin or Eyes: Causes eye irritation.

Absorbed through Skin: May cause minor skin irritation following prolonged or repeated contact.

Swallowed: Slight acute toxicity from ingestion of nitrate causing dizziness, headache or nausea.

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#### HEALTH EFFECTS OR RISKS FROM EXPOSURE - EXPLAIN IN LAY TERMS

Acute: Mild eye, skin or respiratory irritation may occur from frequent or prolonged contact with liquid, vapor or dried dust.

Chronic: None known.

#### FIRST AID - EMERGENCY PROCEDURES: **IN CASE OF DISCOMFORT DUE TO EXPOSURE, SEEK MEDICAL ATTENTION.**

Eye Contact: Flood immediately with clean water for 15 minutes.

Skin Contact: Wash with copious amounts of soap and water.

Inhaled: Move to fresh air.

Swallowed: Give milk or activated charcoal to delay absorption. Consult a physician.

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#### SUSPECTED CANCER AGENT?

X NO. This product's ingredients are not found in the lists below.

YES. Federal OSHA NTP IARC

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MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None known.

### **Section VII. REACTIVITY DATA**

Stability : X Stable      Unstable

Conditions to Avoid: Corrosive to brass and copper.

Incompatibility: In high pH (caustic) environments.

Hazardous Decomposition Products: Thermal decomposition may result in ammonia and (Including Combustion Products) nitrogen oxide evolution.

Hazardous Polymerization: May Occur X Will Not Occur

### **Section VII. SPILL, LEAK AND DISPOSAL PROCEDURES**

Spill Response Procedures: Contain spill in suitable container for use or recycle.  
(Include Employee Protection Measures)

Preparing Wastes for Disposal: Spread on arable land at standard agricultural rates. If  
(Container Types, Neutralization, contaminated, dispose in a properly designated  
landfill.  
etc.)

**NOTE: DISPOSE OF ALL MATERIALS IN ACCORDANCE WITH FEDERAL, STATE  
AND LOCAL REGULATIONS**

### **Section VIII. SPECIAL HANDLING INFORMATION**

Ventilation and Engineering Controls: None required.

Respiratory Protection (Type): None required.

Eye Protection (Type): Safety goggles/glasses.

Gloves (Specify Material): Rubber gloves.

Other Clothing and Equipment: Liquid repellent coveralls and footwear.

Work and Hygienic Practices: Shower with soap and water. Wash clothing separately  
with laundry detergent.

Other Handling and Storage Prevent eye contact, skin contact and oral ingestion.

Requirements:

Protective Measures During Same as handling and storage requirements.

Maintenance of Contaminated

Equipment:

**WARNING:** This product contains a chemical (or chemicals) known to the State of California to cause cancer and birth defects or other reproductive harm.