

# Material Safety Data Sheet

Fox Farm Brand Fertilizers

## Section I: Manufacturer & Material Identification

Manufacturer: United Compost and Organics  
Telephone : (800) 436-9327  
(707) 826-1991  
Address: P O Box 787 Arcata, CA 95518  
Date Prepared: 11-1-01  
Chemical Name: **Mixed Liquid Specialty Fertilizer**  
Trade Name & Synonym: ~~Fox Farm Liquid Fertilizers, Grow Big 12-7-7, Grow Big Hydroponic 3-2-6, Tiger Bloom 2-8-4~~

## Section II: Hazardous Ingredients

Contains no hazardous mixtures

## Section III: Physical Data & Ingredients

Physical State at STP:	Liquid	Percent Volatile:	N/A
Boiling Point:	310 degrees	Vapor Pressure:	0.22MM/Hg±
Specific Gravity:	1.3 to 1.4±	Solubility in Water	Miscible
Vapor Density:	13.0±	Melting Point:	26.4 degrees F
Evaporation Rate:	N/A	Appearance:	Dark Green Odorless Liquid

Ingredients:	CAS #	OSHA/PEL	ACGIH
Ammonium Phosphate	7722-76-1	None	None
Calcium Nitrate	15245-12-2	None	None
Monopotassium Phosphate	7778-77-0	None	None
Magnesium Nitrate	10377-60-3	None	None
Potassium Nitrate	7757-79-1	None	None
Ammonium Nitrate	6484-52-2	None	None
Potassium Sulphate	7778-80-5	None	None
Urea	57-13-6	None	None
Iron EDTA	15708-41-5	None	None
Zinc ETDA	14025-48-2	10 mg/ m3	
Manganese EDTA	15708-48-2	5.0mg/ m3	
Sodium Borate	1303-96-4	None	None
Sodium Molybdate	N/A	None	None

## Section IV: Explosion Hazard Data

Flash Point:	Non-flammable
Auto-Ignition Temp.(Lower)	N/A
Auto-Ignition Temp.(Upper)	N/A
Flammable Limits in Air	N/A
Extinguishing Media to Use	Dry Chemicals, CO2, Water base Foam
Special Fire Fighting Equipment	Wear protective clothing & breathing unit
Unusual Fire & Explosion Risk	Corrosive- Avoid contact with skin or eyes. Do not breathe.

## Section V: Health Hazard Data

Effects of Over-Exposure: Prolonged with skin may cause irritation. Contact with eyes and respiratory tract may cause irritation. If swallowed, may cause distress, cramping, vomiting, and hypertension.

Health Effects or Risks from Exposure: Acute: Burns to skin, eyes and nasal passages, cramps and vomiting if swallowed. Chronic: Irritation to skin and mucus membranes.

Emergency First Aid:  
If Swallowed: Induce vomiting immediately giving two glasses of water, milk or milk of magnesia and stick finger down throat. Never give anything by mouth to an unconscious person. Call a physician.

Skin Exposure: Remove any contaminated clothing. Wash skin with soap and water for 15 minutes. Flush area with mild sodium bicarbonate solution. Get medical attention if irritation develops or persists.

Eye Exposure: Wash eyes copiously with water for at least 15 minutes.

## Section VI: Reactivity Data

Suspected Cancer Agent:	Not a carcinogen.
Conditions to Avoid:	Skin & eye contact, do not breathe, do not drink.
Stability:	Stable
Hazardous Polymerization:	Polymerization will not occur.

## Section VI: Reactivity Data Cont...

Hazardous Decomposition: Contact with some metals may produce hydrogen which can form flammable mixtures in air.

Incompatibility - Materials to Avoid: Can react with metals to liberate hydrogen, a flammable gas. Corrosive to many metals such as iron, copper, brass or bronze.

## Section VII: Spill or Leak Procedures

Steps to Take if Spill Occurs: Cover the contaminated surface with sodium bicarbonate or ash-slaked lime; mix and add water if necessary to form a slurry. Scoop up slurry, store in overpac drums.

Waste Disposal Methods: Dispose of all waste according to local, state and federal regulations. Mix with water and dispose of in approved landfills.

## Section VIII: Special Protection Information

Respiratory Protection: Self-contaminated breathing apparatus.  
Ventilation:  
Local: Local and Mechanical  
Eye Protection: Safety glasses  
Protective Gloves: Rubber  
Other Protective Equipment: Non-absorbent clothing and rubber boots.

## Section IX: Special Precautions

Precautionary Labeling: Corrosive

Other Handling & Storage Conditions: Do not drink, get in eyes, on skin, or on clothing. Avoid breathing vapor. Keep in tightly closed container. Loosen container cautiously. Wash thoroughly with soap and water after handling. Store in a well ventilated area, away from organic chemicals, strong bases, metal powders, carbides, sulfides, and other readily oxidizable materials.

The information contained herein is provided in good faith and is believed to be correct and equivalent to OSHA form 20, as of the date hereof, but is issued without guarantee. Since conditions of use are beyond our control, user assumes all responsibility and risk.