

# MATERIAL SAFETY DATA SHEET

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## 1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Grow Big 6-4-4  
PRODUCT DESCRIPTION: Liquid Plant Fertilizer

### MANUFACTURER:

United Compost and Organics  
DBA FoxFarm Soil and Fertilizer Co.  
1220 5<sup>th</sup> St.  
Arcata, CA. 95518  
707-826-1991

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## 2. HAZARDOUS INGREDIENTS IDENTIFICATION

Nonhazardous Ingredients, Inert Materials, Proprietary.

Chemical Name	CAS#	OHSA PEL	ACGIH TLV
Potassium Nitrate	7757-79-1	None	None
Potassium Chloride	7447-40-7	None	None
Ammonium Phosphate	7722-76-1	None	None
Ammonium Nitrate	6484-52-2	None	None
Magnesium Nitrate	10377-60-3	None	None
Magnesium Sulfate	10034-99-8	None	None
Iron EDTA	15708-41-5	None	None
Iron DPTA	12389-75-2	None	None
Manganese EDTA	15375-84-5	None	None
Copper EDTA	14025-15-1	None	None
Trisodium Nitritotriacetate	5064-31-3	N/A	N/A
Sodium Borate	1330-43-4	10mg/m3	None
Sodium Molybdate	7631-95-0	5mg9Mo)/m3	5mg(Mo)/m3

### POTENTIAL HEALTH EFFECTS

EYES: May cause eye irritation

SKIN:May cause irritation.

SKIN ABSORPTION: No

INGESTION: Do not eat.

INHALATION: Yes.

ACUTE TOXICITY: Yes

CHRONIC: None known.

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## 3. FIRST AID MEASURES

EYES: Flush eyes with water. Obtain medical attention if irritation persists.

SKIN: Wash with water and soap if irritation occurs. Seek medical attention if condition persists.

INGESTION: Drink large amounts of water and induce vomiting. Consult a physician.

INHALATION: Move victim to fresh air. Give oxygen artificial respiration if necessary. Call a physician if discomfort persists.

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#### 4. FIRE FIGHTING MEASURES

**EXTINGUISHING MEDIA:** Water spray. Material is essentially non- flammable.

**FIRE FIGHTING PROCEDURES:** Do not breath fumes. Wear self-contained breathing apparatus to protect from oxides of nitrogen.

**AUTOIGNITION TEMPERATURE:** N/A

**FLASHPOINT:** N/A

**HAZARDOUS DECOMPOSITION PRODUCTS:** If heated to decomposition, will give off toxic fumes. Oxides of Nitrogen. Potassium Nitrate and Ammonium Nitrate are oxidizers and therefore increase the intensity of any fire.

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#### 5. HANDLING AND STORAGE

**HANDLING:** In case of spill, collect into a clean container for use if un contaminated. If contaminated, collect into containers for disposal. Inform authorities if sewers or watercourses are contaminated.

**STORAGE:** Store in a cool dry location. Keep out of reach of children and domestic animals..

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#### 6. EXPOSURE CONTROLS/PERSONAL PROTECTION

**PERSONAL PROTECTIVE EQUIPMENT**

**EYES AND FACE:** Eye protection recommended.

**SKIN:** Gloves recommended.

**RESPIRATORY:** N/A

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#### 7. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Liquid

**COLOR:** Green

**BOILING POINT:** N/A

**SOLUBILITY IN WATER:** Yes

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#### 8. STABILITY AND REACTIVITY

**STABLE:** In normal use and storage.

**HAZARDOUS POLYMERIZATION:** Will not occur.

**CONDITIONS TO AVOID:** Do not mix with oxidizable materials. May decompose on heating to nitrogen oxides.

**POLYMERIZATION:** Will not occur.

**INCOMPATIBLE MATERIALS:** None known.

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**ALWAYS READ AND FOLLOW LABEL INSTRUCTIONS.**

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