

**MATERIAL SAFETY DATA SHEET**

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**1. PRODUCT AND COMPANY IDENTIFICATION**

PRODUCT NAME: Open Sesame 5-45-19  
PRODUCT DESCRIPTION: Soluble 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

**2. HAZARDOUS INGREDIENTS IDENTIFICATION**

Nonhazardous Ingredients, Inert Materials, Proprietary.

Chemical Name	CAS#	OHSA PEL	ACGIH TLV
Ammonium Phosphate	7722-76-1	None	None
Monopotassium Phosphate	7778-77-0	None	None
Potassium Sulfate	7778-80-5	None	None
Iron EDTA	15708-41-5	None	None
Manganese EDTA	15375-84-5	None	None
Trisodium Nitritotriacetate	5064-31-3	N/A	N/A

**POTENTIAL HEALTH EFFECTS**

EYES: May cause eye irritation

SKIN: May cause irritation.

SKIN ABSORPTION: No

INGESTION: Do not eat.

INHALATION: Yes.

ACUTE TOXICITY: Acute oral toxicity (rat) LD50: 6600mg/kg for potassium sulfate.

CHRONIC: None known.

**3. FIRST AID MEASURES**

EYES: Flush eyes with water for 15 minutes. Obtain medical attention if irritation persists.

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

INGESTION: Do not induce vomiting; drink warm water or milk. Low toxicity in small amounts. Large amounts may cause nitrate Poisoning. Consult a physician.

INHALATION: If moderate discomfort to nose or throat, remove to fresh air and support respiration. Call a physician if discomfort persists.

**4. FIRE FIGHTING MEASURES**

**EXTINGUISHING MEDIA:** Use 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:** Noxious fumes may form. Oxides of nitrogen. Potassium Nitrate is an oxidizer and therefore increases the intensity of any fire and the possibility of explosion when contaminated with organic reducing agents.

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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:** NIOSH/MSHA approved respirator should be used if dust exposure exceeds levels of 10 mg/m3.

**VENTILATION PROTECTION:** Provide local or general ventilation to keep dust below ACGIH nuisance dust limit of 10 mg/m3.

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## 7. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Red crystals. Slight ammonia odor.

**COLOR:** Red

**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.

**POLYMERIZATION:** Will not occur.

**INCOMPATIBLE MATERIALS:** None known.

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ALWAYS READ AND FOLLOW LABEL INSTRUCTIONS.

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