

MATERIAL SAFETY DATA SHEET

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MSDS Ref. No:
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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 5th 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 Nitrotriacetate	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.

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..

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.

7. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Red crystals. Slight ammonia odor.

COLOR: Red

BOILING POINT: N/A

SOLUBILITY IN WATER: yes

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.
