# MATERIAL SAFETY DATA SHEET

Date-Issued: 8/1/04 MSDS Ref. No: Date-Revised:8/1/04 Revision No: New MSDS

## 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.

CAS#	OHSA PEL	ACGIH TLV
7722-76-1	None	None
7778-77-0	None	None
7778-80-5	None	None
15708-41-5	None	None
15375-84-5	None	None
5064-31-3	N/A	N/A
	7722-76-1 7778-77-0 7778-80-5 15708-41-5 15375-84-5	7722-76-1 None 7778-77-0 None 7778-80-5 None 15708-41-5 None 15375-84-5 None

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.

**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.

 ${\bf HAZARDOUS\ POLYMERIZATION:\ Will\ not\ occur.}$ 

CONDITIONS TO AVOID: Do not mix with oxidizable materials.

POLYMERIZATION: Will not occur.

INCOMPATIBLE MATERIALS: None known.

THE INFORMATION CONTAINED HEREIN IS BASED ON DATA CONSIDERED TO BE ACCURATE. HOWEVER, NO WARRANTY IS EXPRESSED OR IMPLIED REGARDING THE ACCURACY OF THESE DATA OR THE RESULTS TO BE OBTAINED FROM THE USE THEREOF.

ALWAYS READ AND FOLLOW LABEL INSTRUCTIONS.