



# Material Safety Data Sheet

60 Elm Street  
Canal Winchester, OH 43110  
Telephone: 1-888-837-0370  
Fax: 1-888-837-0360

## PRODUCT NAME

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Winchester Gardens™ Elephant Ears Fertilizer, 11-50-11

**Product Description:** Mixture

**Part Number:** WG90

**Manufacturer:** Winchester Gardens

60 Elm Street  
Canal Winchester, OH 43110

**Information Telephone Number:** 1-888-837-0370

**24-Hour Emergency Contact Number:** 1-888-837-0370

### 2. HAZARDOUS INGREDIENTS/IDENTITY INFORMATION\*

Chemical Name	CAS Number	OSHA PEL (mg/m <sup>3</sup> )
Monoammonium Phosphate	7722-26-1	15**
Diammonium Phosphate	7783-28-0	15**
Monopotassium Phosphate	7778-77-0	15**
Iron EDTA	15708-41-5	15**

**Comments:** \* All ingredients in quantities >1.0% (0.1% for carcinogens) that are potentially hazardous per OSHA definitions

\*\* Nuisance Dust (OSHA) - total

### 3. PHYSICAL & CHEMICAL CHARACTERISTICS

**Appearance:** Fine granules

**Odor:** Slight ammonia odor

**Color:** Light blue color

**Melting Point Range:** 271°F to 631°F

**Specific Gravity:** .80

**Solubility in Water:** 28 grams per 100 milliliters of water

### 4. FIRE AND EXPLOSION HAZARDS

**Flash Point and Method:** Non-combustible

**Extinguishing Media:** Water spray, carbon dioxide, fine earth, dry chemical or sand.  
Use extinguishing media appropriate for surrounding fire.

**Explosion Hazards:** None

**Fire Fighting Procedures:** Keep away from heat, sparks or flames. Flood with water to cool containers. Fire fighters must wear self-contained breathing apparatus.

**Hazardous Decomposition Products:** Carbon monoxide, carbon dioxide, nitrogen oxides, potassium and potassium containing compounds, chlorine and chlorine containing compounds, ammonia, cyanic acid and phosphorous and phosphorous containing compounds.

## 5. REACTIVITY AND STABILITY

**Stability:** Stable at normal temperatures

**Hazardous Polymerization:** Will not occur

**Incompatible Materials and Conditions to Avoid:** Excessive heat, contact from strong alkalis, fuels, other combustible materials, strong oxidizing agents, strong acids, reducing agents, methanamine, many chlorine products and active metals such as aluminum and magnesium.

## 6. HEALTH HAZARD DATA

**Potential Health Effects:** CAUTION! High dust concentrations may cause mild upper respiratory tract irritation with coughing and nasal discharge. Eye or skin contact may cause mild transient irritation.

## 7. FIRST AID MEASURES

**Eyes:** Immediately flush eyes with plenty of water. Remove any contact lenses (if easily done) and continue flushing for 15 minutes. Seek medical attention immediately if irritation develops or persists.

**Skin:** Remove contaminated clothing. Flush affected area with water for 15 minutes. Wash affected area with mild soap and water. Seek medical attention if irritation develops or persists.

**Ingestion:** Immediately rinse mouth out with plenty of water. If within 30 minutes of ingestion, give person a small glass of water or milk. (Never give anything by mouth to an unconscious person.) Do not induce vomiting unless instructed to do so by a physician or the poison control center. Seek medical treatment immediately.

**Inhalation:** Remove person to fresh air. Seek medical attention immediately if breathing becomes difficult.

## 8. SAFE HANDLING AND STORAGE PRECAUTIONS

**In Case of Spill or Release:** Extinguish all ignition sources. Shovel, scoop or sweep material into a suitable container and cover. Flush area with water. Do not attempt to clean-up spills without appropriate protective equipment. Prevent large quantities from contacting vegetation or waterways. Keep animals away from large spills.

**Waste Disposal Method:** Waste disposal must be in accordance with federal, state and local regulations. Be aware that the waste owner has final responsibility for final disposal.

**Precautions in Storage:** Store in a cool, dry area in closed container or package. Keep containers closed at all times. Do not reuse containers. Store away from incompatible materials. Use with proper personal protective equipment. Keep out of reach of children.

**Work and Hygienic Practices:** Wash hands with soap and water after handling product. Follow specific use instructions supplied with the product.

## 9. EXPOSURE CONTROL/PERSONAL PROTECTION

**Engineering Controls:** If industrial hygiene surveys show that the exposures exceed OSHA PEL's, use a combination of local exhaust and general dilution/ventilation to control exposures.

**Personal Protective Equipment:**

**Eyes and Face** – Safety glasses with side shields are recommended.

**Skin** – Protective gloves are recommended.

**Respiratory** – General dust mask for localized nuisance dust.

PREPARED BY: Doug Culp, QC Manager

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