



# MATERIAL SAFETY DATA SHEET

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Revision Number: 0

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product name:** Hyponex® All Purpose Garden Fertilizer 10-10-10  
**Description:** Fertilizer

**Company**  
The Scotts Company LLC  
14111 Scottslawn Road  
Marysville, OH 43041

**24-HOUR EMERGENCY TELEPHONE NUMBERS:**  
CHEMTREC (U.S.): 1-800-424-9300  
CHEMTREC (International): 1-703-527-3887  
Non-Emergency Calls: 1-937-644-0011

**Formula No.:** S14574

## 2. HAZARDS IDENTIFICATION

### Labelling

**Signal word:**

CAUTION

### Precautionary Statements

May be harmful if swallowed. May cause eye/skin irritation. Keep out of reach of children. Avoid breathing dust. Avoid contact with eyes, skin, and clothing. Wash with soap and water after handling. Keep out of reach of children and domestic animals.

### Potential health effects

**Eye contact:**

Contact with eyes may cause irritation.

**Skin contact:**

May cause skin irritation in susceptible persons.

**Ingestion:**

Possible gastrointestinal tract irritation.

**Inhalation:**

May cause irritation of respiratory tract.

**Aggravated Medical Conditions:**

Inhalation of dust may aggravate asthma.

**Principle routes of exposure:**

Skin, Inhalation, Ingestion, Eyes

**Target organ effects:**

Irritation.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS-No	Weight %
Ammonium phosphate	7722-76-1	10-30
Potassium chloride, KCl	7447-40-7	15-40
Urea	57-13-6	10-30

## 4. FIRST AID MEASURES

**Eye contact:**

If in eyes, hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. Call a poison control center or doctor for treatment advice.

**Skin contact:**

If on skin or clothing, take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

**Ingestion:**

Call a physician or Poison Control Centre immediately. Have person sip a glass of water if able to swallow. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person.

**Inhalation:**

Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

## 5. FIRE-FIGHTING MEASURES

**Flammable properties:**

Decomposes on heating.

**Suitable extinguishing media:**

Water spray. Dry chemical. Foam. Carbon dioxide (CO<sub>2</sub>).

**Explosion potential:**

Dust at sufficient concentrations may form explosive mixtures with air.

**Hazardous combustion products:**

Combustion can produce toxic fumes and irritating gases.

**Fire fighting procedures:**

Select appropriate method to surround and extinguish fire

Revision date:

Page 1 of 3

**5. FIRE-FIGHTING MEASURES**

**Special protective equipment for firefighters:** In the event of fire, wear self-contained breathing apparatus.

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions:** Avoid contact with skin, eyes and clothing.  
**Environmental precautions:** Prevent product from entering drains.  
**Methods for containment:** Vacuum or sweep up material and place in a disposal container.  
**Methods for cleaning up:** If material is uncontaminated, collect and reuse as recommended for product. If material is contaminated, put in appropriate container and dispose.

**7. HANDLING AND STORAGE**

**Handling:** Avoid container breakage. Avoid inhalation or contact with skin, eyes, or clothing. Do not contaminate water sources when disposing of equipment wash waters. Keep out of lakes, streams or ponds.

**Storage:** Keep containers tightly closed in a cool, well-ventilated place

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

Components	ACGIH:	OSHA:
Urea	Not Listed	Not Listed
Ammonium phosphate	Not Listed	Not Listed
Potassium chloride, KCl	Not Listed	Not Listed

**Engineering controls** Use adequate ventilation to keep the airborne concentrations of this material below the recommended exposure standard

**Personal Protective Equipment**

**Eye/face protection** Eye/face protection is not required, but is recommended in manufacturing situations where contact may occur.

**Skin and body protection:** No special protective clothing is required under normal workplace conditions. If skin irritation occurs, use natural rubber gloves, durable cloth or impervious rubber gloves if contact with product is possible.

**Respiratory protection:** If airborne levels are high or product does not remain intact, use a combination of engineering controls (e.g. ventilation) and personal protection, e.g., NIOSH/MSHA approved respirator for dusts, mists, and fumes.

**General hygiene considerations:** Wash hands before breaks and immediately after handling the product

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Physical State:</b>	Solid	<b>Color:</b>	Multi-colored
<b>Bulk density:</b>	45-65 lbs/cu ft	<b>Appearance:</b>	Granular
<b>Odor:</b>	Fertilizer	<b>Solubility:</b>	Partly soluble

**10. STABILITY AND REACTIVITY**

**Chemically Stable:** Yes.

**Conditions to avoid:** Extreme heat. Contact with strong alkalis, oxidizers, and reducing agents. Contact with fuels and other organic or combustible materials. Active metals such as aluminum, magnesium, and chlorine compounds.

**Materials to avoid:** Strong acids, bases, oxidizers, and reducing agents.

**Hazardous decomposition products:** Combustion may produce irritating gases and vapors. Toxic metal oxides may be produced.

**Possibility of hazardous reactions:** Poses little or no immediate hazard.

**11. TOXICOLOGICAL INFORMATION****Acute toxicity**

**Eye effects:** Contact with eyes may cause irritation  
**Skin effects:** May cause skin irritation in susceptible persons

**Chronic toxicity**

**Revision date:**

**Carcinogenic effects:** The table below indicates whether each agency has listed any ingredient as a carcinogen.

Components	NTP:	IARC:	OSHA:
Urea	Not listed	Not listed	Not listed
Ammonium phosphate	Not listed	Not listed	Not listed
Potassium chloride, KCl	Not listed	Not listed	Not listed

**Ingestion:** Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.  
**Inhalation:** May cause irritation of respiratory tract.  
**Target organ effects:** Irritation.

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity effects:** No data is available on the product itself.  
**Persistence and degradability:** Inherently biodegradable.  
**Bioaccumulative potential:** Does not bioaccumulate.  
**Mobility:** Water contaminating.  
**Aquatic toxicity:** May be beneficial to plant life.  
**Additional ecological information:** Do not contaminate water sources when disposing of equipment washwaters.

## 13. DISPOSAL CONSIDERATIONS

**Waste Disposal Methods:** If empty, do not reuse container. If partially filled, call the local solid waste agency for disposal instructions. Do not place product down any indoor or outdoor drain.

## 14. TRANSPORT INFORMATION

The description shown may not apply to all situations. Consult 49 CFR, or appropriate dangerous goods regulations for additional description requirements (e.g. technical name) and mode-specific or quantity-specific shipping requirements.

**DOT (Land)** Not DOT regulated  
**DOT (AIR)** Not DOT regulated  
**DOT (Vessel)** Not DOT regulated

## 15. REGULATORY INFORMATION

Components	CAS-No	CERCLA/SARA 313	CERCLA/SARA 302
Urea	57-13-6	Not Listed	Not Listed
Ammonium phosphate	7722-76-1	Not Listed	Not Listed
Potassium chloride, KCl	7447-40-7	Not Listed	Not Listed

**General Information** Contact local authorities for disposal of large quantities of product.

## 16. OTHER INFORMATION

**NFPA:** Health: 1 Flammability: 0 Reactivity: 0  
**HMIS:** Health: --- Flammability: --- Reactivity: ---

**Hazard Rating:** 0=Least; 1-Slight; 2=Moderate; 3=High; 4=Severe

**General comment:** This document contains health, safety, and environmental information useful to emergency response agencies, health care providers, manufacturers, and workers/employees. It does not replace the precautionary language, use directions, or the storage and disposal information found on the product label.

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