



# Safety Data Sheet

Issue Date: no data available

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Version: 1

## 1. IDENTIFICATION

**Product Identifier:**

**Product Name:** Peters Excel® 13-2-13 Plug & Bedding Plant Special  
**Product Number(s):** G608120  
**Formula No.:** S16109

**Recommended Use of the Chemical and Restrictions on Use:**

**Description:** Water Soluble Fertilizer

**Company:**

Everris NA Inc.  
P.O. Box 3310  
Dublin, OH 43016

**24-HOUR EMERGENCY TELEPHONE NUMBERS:**

CHEMTREC (U.S.): 1-800-424-9300  
CHEMTREC (International): 1-703-527-3887  
Non-Emergency Calls: 1-800-492-8255

## 2. HAZARD(S) IDENTIFICATION

**OSHA Regulatory Status:**

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Acute toxicity - Oral	Category 4
Skin Corrosion or Irritation	Category 2
Serious Eye Damage or Eye Irritation	Category 1

**Label Elements:**

### Emergency Overview

**Danger**

**Hazard Statements:**

Harmful if swallowed  
Causes skin irritation  
Causes serious eye damage



**Appearance:** flakes, Crystals, Prills

**Physical State:** Solid

**Odor:**

Fertilizer

**Precautionary Statements - Prevention**

Wash face, hands and any exposed skin thoroughly after handling  
Do not eat, drink or smoke when using this product  
Do not breathe dust/fume/gas/mist/vapors/spray  
Wear protective gloves/protective clothing/eye protection/face protection

**Precautionary Statements - Response**

Immediately call a POISON CENTER or doctor/physician  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
Immediately call a POISON CENTER or doctor/physician  
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower  
Wash contaminated clothing before reuse  
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing  
IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell  
Rinse mouth  
Do NOT induce vomiting

**Precautionary Statements - Storage**

Store locked up

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Hazards Not Otherwise Classified (HNOC):**

**Other Information:**

- Harmful to aquatic life with long lasting effects
- Harmful to aquatic life

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Ingredients	CAS-No	Weight %	Trade Secret
Calcium Ammonium Nitrate	15245-12-2	30-50	*
Magnesium nitrate hexahydrate; Mg(NO3)2·6H2O	13446-18-9	30-40	*

\* The exact percentage (concentration) of composition has been withheld as a trade secret

**4. FIRST-AID MEASURES**

**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.

**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.

**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.

**Indication of Any Immediate Medical Attention and Special Treatment Needed:**

**Notes to Physician:** Treat symptomatically.

**5. FIRE-FIGHTING MEASURES**

- Suitable extinguishing media:** Water.
- Unsuitable extinguishing media:** Dry powder. Sand. Foam.
- Specific hazards:** Dust at sufficient concentrations may form explosive mixtures with air.
- Hazardous Combustion Products:** Thermal decomposition can lead to release of irritating gases and vapours.

**Explosion Data:**

- Sensitivity to Mechanical Impact:**  
no data available.
- Sensitivity to Static Discharge:**  
no data available.

**Special Protective Equipment for Firefighters:** In the event of fire, wear self-contained breathing apparatus.

**6. ACCIDENTAL RELEASE MEASURES**

**Personal Precautions, Protective Equipment and Emergency Procedures:**

- Personal Precautions:** Avoid dust formation. Avoid contact with skin, eyes and clothing. Wear personal protective equipment.
- Environmental Precautions:** Prevent product from entering drains.

**Methods and Material for Containment and Cleanup:**

- Methods for containment:** Vacuum or sweep up material and place in a disposal container.
- Methods for Cleanup:** If material is uncontaminated, collect and reuse as recommended for product. If material is contaminated, put in appropriate container and dispose. Flush with water.

**7. HANDLING AND STORAGE**

**Precautions for Safe Handling:**

**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.

**Conditions for Safe Storage, Including any Incompatibilities:**

**Storage:** Keep containers tightly closed in a dry, cool and well-ventilated place. Do not contaminate water, food, or feed by storage or disposal.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Control Parameters:**

**Exposure Guidelines:**

Ingredients	CAS-No	ACGIH:	OSHA:	IDLH:
Calcium Ammonium Nitrate	15245-12-2	Not Listed	Not Listed	Not Listed
Magnesium nitrate hexahydrate; Mg(NO3)2+6H2O	13446-18-9	Not Listed	Not Listed	Not Listed

**Appropriate Engineering Controls:**

**Engineering Measures to Reduce Exposure:** Use adequate ventilation to keep the airborne concentrations of this material below the recommended exposure standard.

**Individual Protection Measures, Such as Personal Protective Equipment:**

- Eye/Face Protection:** Safety glasses with side shields or goggles.
- Skin and Body Protection:** Wear suitable protective clothing. Impervious clothing. impervious gloves.
- 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**

**Physical and Chemical Properties:**

<b>Physical State:</b>	Solid	<b>Appearance:</b>	flakes, Crystals, Prills
<b>Color:</b>	Blue green	<b>Odor</b>	No information available
<b>Odor:</b>	Fertilizer	<b>Threshold:</b>	

<u>Property</u>	<u>Values</u>	<u>Remarks: • Method</u>
pH:	No information available	
Melting Point/Freezing Point:	No information available	
Boiling Point/Range:	No information available	
Flash Point:	No information available	
Evaporation Rate:	No information available	
Flammability (solid, gas):	No information available	
Flammability Limits in Air:		
Upper Flammability Limit:	No information available	
Lower Flammability Limit:	No information available	
Vapor Pressure:	No information available	
Vapor Density:	No information available	
Specific Gravity:	No information available	
Solubility:	Highly soluble (>80%)	
Solubility in other Solvents:	No information available	
Partition Coefficient:	No information available	
Autoignition Temperature:	No information available	
Decomposition Temperature:	No information available	
Kinematic Viscosity:	No information available	
Dynamic Viscosity:	No information available	
Explosive Properties:	No information available	
Oxidizing Properties:	Not considered an oxidizer	

**Other Information:**

<b>Softening Point:</b>	No information available
<b>Molecular Weight:</b>	No information available
<b>VOC Content (%):</b>	No information available
<b>Density:</b>	No information available
<b>Bulk density:</b>	55-65 lbs./cu.ft.

**10. STABILITY AND REACTIVITY**

**Reactivity:** Stable under normal conditions

- Chemically Stable:** yes.
- Conditions to Avoid:** Extreme heat. Strong oxidizing agents. 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. Avoid contact with other chemicals. Fuels. Heavy metal salts.
- Hazardous Decomposition Products:** Contact with acids liberates very toxic gas. Toxic metal oxides may be produced.
- Possibility of Hazardous Reactions:** Poses little or no immediate hazard.

**11. TOXICOLOGICAL INFORMATION**

**Information on the Likely Routes of Exposure (inhalation, ingestion, skin and eye contact):**

- General information:** Chronic exposure to nitrates may cause weakness, depression, headache, blood changes (anemia and methemoglobinemia), and kidney injury (nephritis)
- Eye effects:** Causes serious eye damage
- Skin effects:** Causes skin irritation
- Ingestion:** Harmful if swallowed. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
- Inhalation:** May cause irritation of respiratory tract.

**Component Information:**

Ingredients	LD50 Oral	LD50 Dermal	LC50 Inhalation
Calcium Ammonium Nitrate 15245-12-2	= 500 mg/kg ( Rat )	-	-

**Information on Toxicological Effects:**

**Delayed and Immediate Effects as well as Chronic Effects from Short and Long-Term Exposure:**

- Sensitization:** May cause sensitization of susceptible persons by skin contact
- Mutagenic effects** No information available.
- Carcinogenicity:** The table below indicates whether each agency has listed any ingredient as a carcinogen.
- Reproductive Toxicity** No information available.
- STOT - Single Exposure** No information available.
- STOT - Repeated Exposure** No information available.
- Aspiration Hazard** No information available.

**Numerical Measures of Toxicity - Product Information:**

The following values are calculated based on chapter 3.1 of the GHS document: .  
**ATEmix (oral):** 17107 mg/kg

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity:**

**Unknown Aquatic Toxicity:** 0% of the mixture consists of components(s) of unknown hazards to the aquatic environment

**Ecotoxicity effects:** Harmful to aquatic organisms with long lasting effects. Harmful to aquatic life.

**Persistence and degradability:** Degrades slowly.

**Mobility:** Water contaminating.

**Additional ecological information:** Contains Molybdenum (Mo). The application of materials containing Molybdenum (Mo) may result in forage crops containing levels of Molybdenum (Mo) which are toxic to ruminant animals. Do not contaminate water sources when disposing of equipment washwaters.

### 13. DISPOSAL CONSIDERATIONS

**Waste Treatment Methods:**

**Disposal of Wastes:** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated Packaging:** Do not reuse container.

### 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.

<b>DOT (Land)</b>	Not regulated
<b>IATA (Air)</b>	Not regulated
<b>IMO/IMDG (Vessel)</b>	Not regulated

### 15. REGULATORY INFORMATION

**Federal Regulations:**

**SARA 313:**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**SARA 311/312 Hazard Categories:**

<b>Acute health hazard</b>	No
<b>Chronic Health Hazard</b>	No
<b>Fire hazard</b>	No
<b>Sudden release of pressure hazard</b>	No
<b>Reactive Hazard</b>	No

**CWA (Clean Water Act):**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**CERCLA:**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

**State Regulations (RTK):**

**California Proposition 65:**

**U.S. State Right-to-Know Regulations:**

**U.S. EPA Label information:**

**EPA Pesticide Registration Number:**

not applicable

**16. OTHER INFORMATION**

**NFPA:**      Health: 3                      Flammability: 0                      Reactivity: 1

**HMIS:**      Health: 3                      Flammability: 0                      Reactivity: 1

**Revision Date:**                      20-Nov-2014

**Revision Note:**

**Reason for revision:**              None

**Disclaimer**

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**End of Safety Data Sheet**