



# Safety Data Sheet

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## 1. IDENTIFICATION

**Product Identifier:**

**Product Name:** Peters Professional® 20-20-20 General Purpose No Dye  
**Product Number(s):** G99291  
**Formula No.:** S16130

**Description:** Water Soluble Fertilizer

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

Restricted to professional users

**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

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.122)

**Label Elements:**

The product contains no substances which at their given concentration, are considered to be hazardous to health.

**Appearance:** Powder(s)

**Physical State:** Solid

**Odor:** Not significant

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

Not applied

**Other Information:**

No information available.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%	Trade Secret
Potassium Nitrate; KNO <sub>3</sub>	7757-79-1	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:** Call a poison control center or doctor for treatment advice. Take off contaminated clothing. Immediately flush eyes or skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.

**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 poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not 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:** Contact with combustible material may cause fire.

**Hazardous Combustion Products:** Thermal decomposition can lead to release of toxic/corrosive gases and vapors.

**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. Wear suitable protective clothing.

**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.

## 7. HANDLING AND STORAGE

**Precautions for Safe Handling:**

**Handling:** Avoid container breakage. 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 Limits** This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

### Appropriate Engineering Controls:

**Engineering Controls** Ensure adequate ventilation, especially in confined areas. Eyewash. Showers.

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

**Eye/face Protection** Wear safety glasses with side shields (or goggles).

**Hand Protection** Neoprene gloves.

**Skin and body protection** Lightweight protective clothing.

**Respiratory protection** No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

**General hygiene considerations** Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Physical and Chemical Properties:

**Physical State:** Solid  
**Color:** Off-white  
**Appearance:** Powder(s)  
**Appearance:** Crystals  
**Odor:** Fertilizer

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

**Other Information:**

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

**10. STABILITY AND REACTIVITY**

**Reactivity:** Stable under normal conditions  
**Chemically Stable:** Yes.  
**Conditions to Avoid:** Keep away from heat and ignition sources. Damp or wet conditions. Dust may form explosive mixture in air.  
**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):**

**Product Information**

**Inhalation** Specific test data for the substance or mixture is not available.  
**Eye contact** Specific test data for the substance or mixture is not available.  
**Skin Contact** Specific test data for the substance or mixture is not available.  
**Ingestion** Specific test data for the substance or mixture is not available.

**Information on Toxicological Effects:**

**Symptoms** No information available.

**Numerical Measures of Toxicity**

The following values are calculated based on chapter 3.1 of the GHS document: .

**Oral LD50** 22,115.00 mg/kg  
**Dermal LD50** 30,569.00 mg/kg

**Unknown Acute Toxicity:** No information available

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Potassium Nitrate; KNO <sub>3</sub> 7757-79-1	= 3015 mg/kg ( Rat )	> 2000 mg/kg	> 527 mg/m <sup>3</sup>

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

**Skin corrosion/irritation** No information available.  
**Serious eye damage/eye irritation** No information available.

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<b>Respiratory or skin sensitization</b>	No information available.
<b>Germ Cell Mutagenicity</b>	No information available.
<b>Carcinogenicity</b>	No information available.
<b>Reproductive Toxicity</b>	No information available.
<b>STOT - Single Exposure</b>	No information available.
<b>STOT - Repeated Exposure</b>	No information available.
<b>Aspiration Hazard</b>	No information available.

## 12. ECOLOGICAL INFORMATION

*The environmental impact of this product has not been fully investigated.*

<b>Persistence and Degradability:</b>	No information available.
<b>Bioaccumulation:</b>	No information available.
<b>Mobility:</b>	Water contaminating.

## 13. DISPOSAL CONSIDERATIONS

### Waste Treatment Methods:

<b>Disposal of Wastes:</b>	Disposal should be in accordance with applicable regional, national and local laws and regulations.
<b>Contaminated Packaging:</b>	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>DOT (AIR)</b>	Not regulated
<b>DOT (Vessel)</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:**

Acute health hazard	No
Chronic Health Hazard	No
Fire hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	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.

**California Proposition 65:**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations:  
State Regulations (RTK):**

No information available

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

**EPA Pesticide Registration Number:**

Not applied

**16. OTHER INFORMATION**

<b>NFPA:</b>	Health: 1	Flammability: 0	Reactivity: 1
<b>HMIS:</b>	Health: 1	Flammability: 0	Reactivity: 1

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<b>Reason for revision</b>	*** Indicates changes since the last revision. This version replaces all previous versions

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**End of Safety Data Sheet**