Pennington UltraGreen Crabgrass Preventer Plus Fertilizer III 30-0-4
Safety Data Sheet
Date of issue: 08/06/2014  Revision date: 01/29/2020  Supersedes: 09/13/2018  Version: 1.2

SECTION 1: Identification

1.1. Identification
Product form: Mixture
Trade name: Pennington UltraGreen Crabgrass Preventer Plus Fertilizer III 30-0-4
Synonyms: EPA Reg. No.: 32802-67-90098, 100536604, 100536605, UPC #: 0-21496-01998-7, UPC #: 0-21496-01999-4

1.2. Recommended use and restrictions on use
Recommended use: Fertilizer plus herbicide.
Restrictions on use: Keep out of reach of children. Avoid contact with eyes, skin and clothing. Avoid breathing dust.

1.3. Supplier
Central Garden & Pet, Garden Division
1000 Parkwood Circle, Suite 700
Atlanta, GA 30339 - United States

www.pennington.com

1.4. Emergency telephone number
Emergency number: 1-800-265-0761
1-800-424-9300 - CHEMTREC
1-703-527-3887 - CHEMTREC - Outside North America - Collect Calls Accepted

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture
GHS US classification
Skin sensitization, Category 1: May cause an allergic skin reaction
Carcinogenicity Category 1A: May cause cancer

2.2. GHS Label elements, including precautionary statements
GHS US labeling
Hazard pictograms (GHS US):

GHS07

GHS08

Signal word (GHS US): Danger
Hazard statements (GHS US):
May cause an allergic skin reaction
May cause cancer

Precautionary statements (GHS US):
Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Avoid breathing dust/fume/gas/mist/vapors/spray.

Contaminated work clothing must not be allowed out of the workplace.

Wear protective gloves/protective clothing/eye protection/face protection.

If on skin: Wash with plenty of water.

If exposed or concerned: Get medical advice/attention.

If skin irritation or rash occurs: Get medical advice/attention.

Wash contaminated clothing before reuse.

Store locked up.

Dispose of contents/container to in accordance with local/regional/national/international regulations.

2.3. Other hazards which do not result in classification

2.4. Unknown acute toxicity (GHS US)
Not applicable
**SECTION 3: Composition/Information on ingredients**

### 3.1. Substances

Not applicable

### 3.2. Mixtures

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prodiamine</td>
<td>(CAS-No.) 29091-21-2</td>
<td>0.58</td>
</tr>
<tr>
<td>Limestone</td>
<td>(CAS-No.) 1317-65-3</td>
<td>15.92</td>
</tr>
<tr>
<td>Silica, crystalline - quartz</td>
<td>(CAS-No.) 14808-60-7</td>
<td>≥ 0.1</td>
</tr>
<tr>
<td>Non-hazardous and/or does not meet criteria for classification</td>
<td>(CAS-No.) N/A</td>
<td>Balance</td>
</tr>
</tbody>
</table>

**SECTION 4: First-aid measures**

### 4.1. Description of first aid measures

**First-aid measures general**

IF exposed or concerned: Get medical advice/attention.

**First-aid measures after inhalation**

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

**First-aid measures after skin contact**

IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention.

**First-aid measures after eye contact**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice and attention.

**First-aid measures after ingestion**

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth. Do NOT induce vomiting unless directed to do so by medical personnel.

### 4.2. Most important symptoms and effects (acute and delayed)

**Symptoms/effects after skin contact**

May cause an allergic reaction in individuals with a sensitivity to prodiamine.

**Chronic symptoms**

May cause cancer.

### 4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

**SECTION 5: Fire-fighting measures**

### 5.1. Suitable (and unsuitable) extinguishing media

**Suitable extinguishing media**

Use extinguishing agent suitable for surrounding fire.

**Unsuitable extinguishing media**

Avoid heavy hose streams.

### 5.2. Specific hazards arising from the chemical

**Reactivity**

The product is non-reactive under normal conditions of use, storage and transport.

### 5.3. Special protective equipment and precautions for fire-fighters

**Protection during firefighting**

Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

**SECTION 6: Accidental release measures**

### 6.1. Personal precautions, protective equipment and emergency procedures

#### 6.1.1. For non-emergency personnel

Emergency procedures:

Only qualified personnel equipped with suitable protective equipment may intervene.

#### 6.1.2. For emergency responders

**Protective equipment**

Do not attempt to take action without suitable protective equipment. For further information refer to section 8: Exposure controls/personal protection.

**Emergency procedures**

No emergency procedures are expected to be necessary if material is used under ordinary conditions as recommended.

### 6.2. Environmental precautions

Avoid release to the environment.

### 6.3. Methods and material for containment and cleaning up

**Methods for cleaning up**

Sweep or scoop spills, dispose of any unusable material in approved landfill. Use appropriate PPE.
SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling: Ensure good ventilation of the work station. Do not handle until all safety precautions have been read and understood. Take all necessary technical measures to avoid or minimize the release of the product on the workplace. Provide local exhaust or general room ventilation. Wear personal protective equipment.

Hygiene measures: Separate working clothes from town clothes. Launder separately. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store locked up. Store in a well-ventilated place. Keep cool. Avoid humid, wet or moist conditions. Keep container tightly closed.

Incompatible materials: May be corrosive to mild steel. Slightly corrosive to aluminum, zinc, or copper. Non-corrosive to glass, 304 or 316 stainless steel. May be reactive with halogens and slightly reactive with oxidizing agents, reducing agents, acids, alcalis, moisture.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

| Limestone (1317-65-3) | OSHA PEL (TWA) (mg/m³) | 15 mg/m³ (total dust)  
|                       |                       | 5 mg/m³ (respirable fraction) |
|                       | NIOSH REL (TWA) (mg/m³) | 10 mg/m³ (total dust)  
|                       |                       | 5 mg/m³ (respirable dust) |

| Silica, crystalline - quartz (14808-60-7) | ACGIH TWA (mg/m³) | 0.025 mg/m³ (respirable particulate matter) |
| OSHA PEL (TWA) (mg/m³) | 50 µg/m³ |
| US IDLH (mg/m³) | 50 mg/m³ (respirable dust) |
| NIOSH REL (TWA) (mg/m³) | 0.05 mg/m³ (respirable dust) |

8.2. Appropriate engineering controls

Appropriate engineering controls: Adequate ventilation systems as needed to control concentrations of airborne contaminants below applicable threshold limit values.

Environmental exposure controls: Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Hand protection: Protective gloves. Gloves

Eye protection: Safety glasses

Skin and body protection:
If prolonged exposure is anticipated, it is recommended for handlers to wear appropriate clothing to prevent skin contact. Use of a full body suit such as Tyvek or Tychem suit is recommended.

Respiratory protection:
In case of insufficient ventilation, use NIOSH approved respiratory protection.
SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Solid</td>
</tr>
<tr>
<td>Appearance</td>
<td>Variable colored granules</td>
</tr>
<tr>
<td>Color</td>
<td>Variable</td>
</tr>
<tr>
<td>Odor</td>
<td>No data available</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>No data available</td>
</tr>
<tr>
<td>pH</td>
<td>No data available</td>
</tr>
<tr>
<td>Melting point</td>
<td>No data available</td>
</tr>
<tr>
<td>Freezing point</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Boiling point</td>
<td>No data available</td>
</tr>
<tr>
<td>Flash point</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Relative evaporation rate (butyl acetate=1)</td>
<td>No data available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Non flammable</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative vapor density at 20 °C</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative density</td>
<td>Not applicable</td>
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<tr>
<td>Bulk density</td>
<td>45 – 80 lb/ft³</td>
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<tr>
<td>Solubility</td>
<td>No data available</td>
</tr>
<tr>
<td>Partition coefficient n-octanol/water (Log Pow)</td>
<td>No data available</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity, kinematic</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Viscosity, dynamic</td>
<td>No data available</td>
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<tr>
<td>Explosion limits</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>Not explosive</td>
</tr>
<tr>
<td>Oxidizing properties</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use. Hazardous polymerization will not occur.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

May be corrosive to mild steel and slightly corrosive to aluminum, zinc, or copper.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

<table>
<thead>
<tr>
<th>Substance</th>
<th>Carcinogenicity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Silica, crystalline - quartz (14808-60-7)</td>
<td>1 - Carcinogenic to humans</td>
</tr>
<tr>
<td>Listed on IARC (International Agency for Research on Cancer), Listed as carcinogen on NTP (National Toxicology Program)</td>
<td></td>
</tr>
<tr>
<td>IARC group</td>
<td>Known Human Carcinogens</td>
</tr>
<tr>
<td>National Toxicity Program (NTP) Status</td>
<td>Yes</td>
</tr>
<tr>
<td>In OSHA Hazard Communication Carcinogen list?</td>
<td>Yes</td>
</tr>
</tbody>
</table>
Potential health effects

**Inhalation**

**Acute**: Acute Silicosis can occur with exposures to very high concentrations of respirable crystalline silica over a very short time period, sometimes as short as a few months. The symptoms of acute silicosis include progressive shortness of breath, fever, cough and weight loss.

**Chronic**: Excessive inhalation of crystalline silica (quartz) may cause lung injury.

**Skin**

**Acute**: May cause mild mechanical irritation. May cause an allergic skin reaction in individuals with a sensitivity to prodiamine.

**Eye**

**Acute**: May cause moderate irritation.

**Ingestion**

**Acute**: Under normal conditions of use, no health effects are expected.

**Mutagenicity**: Not classified.

**Carcinogenicity**: Crystalline silica (quartz) inhaled from occupational sources is classified as carcinogenic to humans.

**Reproductive Effects**: Not classified.

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**SECTION 12: Ecological information**

12.1. **Toxicity**

No additional information available

12.2. **Persistence and degradability**

No additional information available

12.3. **Bioaccumulative potential**

No additional information available

12.4. **Mobility in soil**

No additional information available

12.5. **Other adverse effects**

No additional information available

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**SECTION 13: Disposal considerations**

13.1. **Disposal methods**

**Product/Packaging disposal recommendations**: Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

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**SECTION 14: Transport information**

<table>
<thead>
<tr>
<th>UN number</th>
<th>Proper Shipping Name</th>
<th>Transport hazard</th>
<th>Packing group</th>
<th>Environmental hazards</th>
</tr>
</thead>
</table>

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<table>
<thead>
<tr>
<th>DOT</th>
<th>Not regulated</th>
<th>Not regulated</th>
<th>9</th>
<th>III</th>
<th>Marine pollutant</th>
</tr>
</thead>
<tbody>
<tr>
<td>IMDG</td>
<td>UN3077</td>
<td>Packaging greater than 5 kg: Environmentally hazardous substance, solid, n.o.s (Prodiamine)</td>
<td>9</td>
<td>III</td>
<td>Acute aquatic toxicity</td>
</tr>
<tr>
<td>IATA</td>
<td>UN3077</td>
<td>Packaging greater than 5 kg: Environmentally hazardous substance, solid, n.o.s (Prodiamine)</td>
<td>9</td>
<td>III</td>
<td>Acute aquatic toxicity</td>
</tr>
</tbody>
</table>

**SECTION 15: Regulatory information**

15.1. US Federal regulations

- **Prodiamine (29091-21-2)**
  Listed on the United States TSCA (Toxic Substances Control Act) inventory

- **Limestone (1317-65-3)**
  Listed on the United States TSCA (Toxic Substances Control Act) inventory

- **Silica, crystalline - quartz (14808-60-7)**
  Listed on the United States TSCA (Toxic Substances Control Act) inventory

**FIFRA Labelling**

- **EPA Registration Number**: 32802-67-90098
- **FIFRA Signal word**: Caution
- **FIFRA Precautionary Statement**: KEEP OUT OF REACH OF CHILDREN.
- **FIFRA Hazards to Humans and Domestic Animals**: Causes moderate eye injury (irritation). Harmful if inhaled or absorbed through the skin. Avoid contact with skin, eyes or clothing. Avoid breathing dust. Wash thoroughly with soap and water after handling. Prolonged or repeated skin contact with product may cause allergic reactions in some individuals.
- **FIFRA First Aid**
  - 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 eye. Call a poison control center or doctor for treatment advice. 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. If swallowed: Call a poison control center or physician 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 the poison control center or physician. Do not give anything by mouth to an unconscious person. If inhaled: 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.
- **FIFRA Environmental Hazards**: To protect the environment, do not allow this product to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather will help to ensure that wind does not blow this product off the treated area. Sweeping any product that lands on a driveway, sidewalk, or street, back onto the treated area of the lawn or garden will help to prevent run off to water bodies or drainage systems.

15.2. US State regulations

- **Silica, crystalline - quartz (14808-60-7)**
  - **U.S. - California - Proposition 65 - Carcinogens List**: Yes
  - **U.S. - California - Proposition 65 - Developmental Toxicity**: No
  - **U.S. - California - Proposition 65 - Reproductive Toxicity - Female**: No
  - **U.S. - California - Proposition 65 - Reproductive Toxicity - Male**: No
  - **No significant risk level (NSRL)**

**SECTION 16: Other information**

- **Date of issue**: 06 August 2014
- **Revision date**: 29 January 2020
- **Supersedes**: 13 September 2018
Indication of changes:
Revised Sec. 3 - Other ingredients.

SDS US (GHS HazCom 2012) - CGP

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