

### SECTION 1: Identification

#### 1.1. Identification

Product form : Mixture  
 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

Lilly Miller Brands  
 1000 Parkwood Circle, Suite 700  
 Atlanta, GA 30339 - United States

gardendivision@central.com  
 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 content and/or container in accordance with local, regional, national, and/or international regulations.

#### 2.3. Other hazards which do not result in classification

Other hazards which do not result in classification : Under United States Regulations (29 CFR 1910.1200 - Hazard Communication Standard), this product is considered hazardous.

#### 2.4. Unknown acute toxicity (GHS US)

Not applicable

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### SECTION 3: Composition/Information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

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

### 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.

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### 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 : Strong acids and oxidizing agents.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

Limestone (1317-65-3)		
OSHA	OSHA PEL TWA	15 mg/m <sup>3</sup> (total dust) 5 mg/m <sup>3</sup> (respirable fraction)
NIOSH	NIOSH REL TWA	10 mg/m <sup>3</sup> (total dust) 5 mg/m <sup>3</sup> (respirable dust)
Silica, crystalline - quartz (14808-60-7)		
ACGIH	ACGIH OEL TWA	0.025 mg/m <sup>3</sup> : (respirable particulate matter)
OSHA	OSHA PEL TWA	50 µg/m <sup>3</sup>
IDLH	IDLH	50 mg/m <sup>3</sup> : (respirable dust)
NIOSH	NIOSH REL TWA	0.05 mg/m <sup>3</sup> : (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

##### 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

- Physical state : Solid
- Appearance : Variable colored granules
- Color : Variable
- Odor : No data available

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Odor threshold	: No data available
pH	: No data available
Melting point	: No data available
Freezing point	: Not applicable
Boiling point	: No data available
Flash point	: Not applicable
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability	: Non-flammable
Vapor pressure	: No data available
Relative vapor density at 20°C	: No data available
Relative density	: Not applicable
Bulk density	: 45 – 80 lb/ft <sup>3</sup>
Solubility	: No data available
Partition coefficient n-octanol/water (Log Pow)	: No data available
Auto-ignition temperature	: Not applicable
Decomposition temperature	: No data available
Viscosity, kinematic	: Not applicable
Viscosity, dynamic	: No data available
Explosion limits	: Not applicable
Explosive properties	: Not explosive
Oxidizing properties	: Not applicable

### 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

Avoid humid, moist or wet conditions. Avoid excessive heat.

### 10.5. Incompatible materials

Strong acids and oxidizing agents.

### 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

Prodiamine (29091-21-2)	
LD50 oral rat	> 5000 mg/kg
LD50 dermal rat	> 2000 mg/kg
LC50 Inhalation - Rat	1.81 mg/l/4h
Silica, crystalline - quartz (14808-60-7)	
Listed on IARC (International Agency for Research on Cancer), Listed as carcinogen on NTP (National Toxicology Program)	
IARC group	1 - Carcinogenic to humans
National Toxicity Program (NTP) Status	Known Human Carcinogens
In OSHA Hazard Communication Carcinogen list?	Yes
GHS-US Properties	Classification
Acute toxicity (oral)	Not classified

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Acute toxicity (dermal)	Not classified
Acute toxicity (inhalation)	Not classified
Skin corrosion/irritation	Not classified
Serious eye damage/irritation	Not classified
Respiratory or skin sensitization	May cause an allergic skin reaction.
Germ cell mutagenicity	Not classified
Carcinogenicity	May cause cancer.
Reproductive toxicity	Not classified
Specific target organ toxicity (single exposure)	Not classified
Specific target organ toxicity (repeated exposure)	Not classified
Aspiration hazard	Not classified

### 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.

## SECTION 12: Ecological information

### 12.1. Toxicity

Prodiamine (29091-21-2)	
LC50 Acute fish 1	0.83 ml/l (Exposure time 96h - Rainbow trout)
LC50 Acute fish 2	0.55 ml/l (Exposure time 96h - Bluegill sunfish)
LC50 Acute crustacea 1	0.66 ml/l (Exposure time 48h - Daphnia magna)

### 12.2. Persistence and degradability

Prodiamine (29091-21-2)	
Persistence and degradability	Prodiamine: Persistent in soil.

### 12.3. Bioaccumulative potential

Prodiamine (29091-21-2)	
Bioaccumulative potential	Prodiamine: Does not bioaccumulate.

### 12.4. Mobility in soil

Prodiamine (29091-21-2)	
Mobility in soil	Prodiamine: Stable in water. Immobile in soil. Sinks in water (after 24 hours).

### 12.5. Other adverse effects

No data available

## 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

	UN number	Proper Shipping Name	Transport hazard class(es)	Packing group	Environmental hazards
<b>DOT</b>	Not regulated	Not regulated	Not regulated	Not regulated	Not applicable
<b>IMDG</b>	UN3077	Packaging greater than 5 kg: Environmentally hazardous substance, solid, n.o.s (Prodiamine)	9	III	Marine pollutant
<b>IATA</b>	UN3077	Packaging greater than 5 kg: Environmentally hazardous substance, solid, n.o.s (Prodiamine)	9	III	Acute aquatic toxicity

### 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

#### EPA Labelling

EPA Registration Number 32802-67-90098

This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide chemicals. The hazard information required on the pesticide label is reproduced below. The pesticide label also includes other important information, including directions for use.

FIFRA Hazard statements

**Caution**

FIFRA Precautionary statements

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

No additional information available

### SECTION 16: Other information

Issue date : 06 August 2014  
Revision date : 16 February 2024  
Supersedes : 29 January 2020

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Indication of changes:

Revised Sec. 7. Revised Sec. 10.

SDS US (GHS HazCom 2012) - CGP

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