

# AMINO-GREEN<sup>®</sup>

**Date Prepared:** June 2015  
**Supersedes Date:** June 2005

## 1. IDENTIFICATION OF MATERIAL AND MANUFACTURER

### 1.1. Identification of material

1.1.1 **Name:** Amino-GREEN

### 1.2. Main uses of the material

Agricultural, turf, and ornamental fertilizer

### 1.3. Identification of producer

1.3.1 **Company:** Weldon's Chemical, LLC  
1.3.2 **Address:** 25 Roland Avenue, Mount Laurel, NJ, 08054  
1.3.3 **Phone:** (856) 266-9440, Mon – Fri, 0800 – 1630 EST

### 1.4. Emergency telephone

24 Hour Emergency Number – CHEMTREC (USA) – 1-800-424-9300

## 2. HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

Corrosive for metals, category 1  
Corrosive for skin, category 1A

### 2.2 Label Elements

#### Pictogram:



**Signal Word:** Danger

#### Hazard Statements:

**H290:** May be corrosive for metals  
**H314:** Causes severe skin burns and eye damage

#### Precautionary Statements:

**P102:** Keep out of reach of children  
**P270:** Do not eat, drink or smoke when using this product  
**P280:** Wear protective gloves/clothing/eye protection/face protection  
**P305+P351+P338:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.  
**P303+P361+P353:** IF ON SKIN (or hair): Immediately take off all contaminated clothing. Rinse skin with water or shower  
**P310:** Immediately call a POISON CENTER  
**P501:** Dispose of contents/container in accordance with local/national regulations

## 3. COMPOSITION

3.1. **Active ingredients:** Nitrogen, phosphorous, potassium and amino acids

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### 3.2 Dangerous components:

Chemical Name	Identification (CAS #)	Classification n 1272/2008	Concentration % w/w
Potassium hydroxide	1310-58-3	Met. Corr. 1A; H290 Acute Tox. 4; H302 Skin Corr 1A; H314	<5
Phosphorous acid	7664-38-2	Corr. Cut. 1B; H314	<5
Ammonium nitrate	6484-52-2	Ox. Sol. 3; H272 Eye Irrit. 2; H319	<15
Potassium sorbate	24634-61-5	Eye Irrit. 2 H319 Skin Irrit. 2 H315	<1

- 3.3. **EINECS number:** -
- 3.4. **Molecular weight:** -
- 3.5. **Description:** Water solution of amino acids from natural sources and inorganic salts for agriculture purposes
- 3.6. **Systematic name:** -
- 3.7. **Dangerous impurities:** No evidence

### 4. FIRST AID

- 4.1. **After inhalation:** Remove to fresh air immediately. If necessary, give oxygen. If symptoms persist, seek medical attention.
- 4.2. **After skin contact:** Wash affected areas with soap and water. If irritation persists, seek medical attention
- 4.3. **After eye contact:** Flush eyes with plenty of lukewarm water for 15-20 minutes. If irritation persists, seek medical attention
- 4.4. **After ingestion:** If ingestion does occur, seek medical attention immediately. Do not induce vomiting unless directed by medical personnel.
- 4.5. **After scar contact:** Wash affected areas with soap and water. If irritation persists, seek medical attention

### 5. MEASURES AGAINST FIRE

- 5.1. **Protection against fire and explosion:** No special requirement
- 5.2. **Exinction methods:** Use foam, dry chemical, carbon dioxide, water spray, or any other method
- 5.3. **Excluded extinction methods:** None

### 6. MEASURES IN CASE OF SPILLS OR LEAKS

- 6.1. **Personal precautions, protective equipment and emergency procedures:**  
 For control exposure and individual protection measures see section 8
  - a. **Environmental precautions:**  
 Avoid drain contamination as well as surface or groundwater contamination
  - b. **Methods and materials for containment and clean up:**  
 Keep in suitable, closed containers for disposal
  - c. **Reference to other section**  
 For disposal see section 13

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## 7. HANDLING AND STORAGE

- 7.1. **Precautions for safe handling:** For personal protection see section 8
- 7.2. **Conditions for safe storage:** Store in the original container in a cool, dry and well ventilated area
- 7.3. **Specific Uses:** Agricultural, turf, and ornamental fertilizer

## 8. EXPOSURE CONTROL, PERSONAL PROTECTION

- 8.1. **Threshold limit values:** Not available
- 8.2. **Exposure control:** Do not eat, drink or smoke when using this product  
Wear protective gloves/clothing/eye protection/face protection

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 General information

#### A Physical state:

	Solid	Liquid	Gaseous Form
At 20 °C		X	
At 100 °C			X

- B **Color:** Pale brown
- C **Odor:** Characteristic

### Important information related to Health, Safety and Environment

- A **pH at 50 g/l H<sub>2</sub>O (20 °C):** 3.7 – 4.3
- B **Boiling point:** Near 100 °C
- C **Flash point:** Non-flammable
- D **Flammability (solid, gas):** Non-flammable
- E **Explosive properties:** Non-explosive
- F **Steam pressure:** 1.17 – 1.23 g/ml
- H **Package density:** Not available
- I **Solubility in water (20 °C):** Very soluble
- J **Viscosity:** Not available
- K **Melting point:** Near 0° C
- L **Conductivity:** Not available

## 10. STABILITY AND REACTIVITY

### Stable under normal conditions

- 10.1. **Conditions to be avoided:** None
- 10.2. **Material to be avoided:** None
- 10.3. **Dangerous decomposition:** None

## 11. TOXICOLOGICAL INFORMATION

No information available

## 12. ECOLOGICAL INFORMATION

No information available

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## 13. WASTE DISPOSAL CONSIDERATIONS

- 13.1. **Product:** Dispose of product in accordance with local/national regulations. Do not allow waste disposal through drains or watercourses
- 13.2. **Packaging:** Dispose of as unused product

## 14. TRANSPORT INFORMATION

Not Regulated

## 15. REGULATORY INFORMATION

No special measures

## 16. OTHER INFORMATION

This version (June 2015) supersedes version June 2005.

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