

# QUELANT<sup>®</sup> MINORS

Date Prepared: March 2015  
Supersedes Date: March 2010

## 1. IDENTIFICATION OF MATERIAL AND MANUFACTURER

### 1.1. Identification of material

1.1.1 Name: QUELANT MINORS

### 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

Acute Tox. 4  
Skin Irrit. 2  
Eye Dam. 1  
Aquatic Chronic 2

### 2.2 Label Elements

#### Pictogram:



Signal Word: Danger

#### Hazard Statements:

H302: Harmful if swallowed  
H315: Causes skin irritation  
H318: Causes serious eye damage  
H411: Toxic to aquatic life with long-lasting effects

#### 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.  
P302+P352: IF ON SKIN: Wash with plenty of water  
P310: Immediately call a POISON CENTER  
P501: Dispose of contents/container in accordance with local/national regulations

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### 3. COMPOSITION

3.1 Active ingredients: Amino acids and micronutrients

3.2 Dangerous components:

Chemical Name	Identification (CAS #)	Classification n 1272/2008	Concentration % w/w
Citric acid monohydrate	77-92-9	Eye Irrit. 2; H319	1-5
Iron sulfate heptahydrate	7782-63-0	Acute Tox. 4; H302 Skin Irrit. 2; H315 Eye Irrit. 2; H319	25-50
Boric Acid	10043-35-3	Repr 1B; H360FD	0-5
Ammonium tetramolibdate	13106-76-8	Acute Tox. 4; H302 Skin Irrit.2; H315 Eye Irrit. 2; H319 STOT SE 3; H335	0-5
Copper sulfate	7758-98-7	Acute Tox. 4; H302 Skin Irrit. 2; H315 Eye Irrit. 2; H319 Aquatic Acute 1; H400 Aquatic Chronic 1; H410	15-25
Manganese sulfate	7785-87-7	Eye Dam 1; H318 STOT RE 2; H373 Aquatic Chronic; H411	<5
Zinc nitrate	19154-63-3	Acute Tox. 4; H302 Skin Irrit. 2; H315 Eye Irrit. 2; H319 Aquatic Acute 1; H400 Aquatic Chronic 1; H410	<5
Magnesium nitrate hexahydrate	13446-18-9	Eye Irrit. 2; H319	10-20

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. Extinction methods: Use foam, dry chemical, carbon dioxide, water spray, or any other method

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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

## 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:** 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):** 4.0-5.0
- 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:** Not available
- G **Density (20 °C):** 1.25 – 1.35 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

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## 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

- 12.1. **Ecotoxicity:** Not dangerous for the environment
- 12.2. **Mobility:** Not available
- 12.3. **Persistence and degradability:** Not available
- 12.4. **Bioaccumulation potential:** The product is biodegradable
- 12.5. **Other harmful effects:** Not available

## 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 (March 2015) supersedes version March 2010.

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