

QUELANT® CA

Date Prepared: March 2015
Supersedes Date: June 2012

1. IDENTIFICATION OF MATERIAL AND MANUFACTURER

1.1 Identification of material

1.1.1 **Name:** Quelant Ca

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

Serious eye damage/eye irritation, Category 2/2A
Acute toxicity oral, Category 4

2.2 Label Elements

Pictogram:



Signal Word: Danger

Hazard Statements:

H318: Causes serious eye damage
H302: Harmful if swallowed

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.
P310: Immediately call a POISON CENTER
P501: Dispose of contents/container in accordance with local/national regulations

3. COMPOSITION

3.1 **Active ingredients:** Amino acids and calcium

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3.2 Dangerous components:

Chemical Name	Identification (CAS #)	Classification n 1272/2008	Concentration % w/w
Potassium sorbate	24634-61-5	Eye Irrit. 2 H319 Skin Irrit. 2 H315	0-5
Boric Acid	10043-35-3	Repr 1B H360FD	0-5
Calcium Nitrate	15245-12-2	Acute tox. 4 H302 Eye Dam. 1 H318	20-40

- 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:** Yellow

C **Odor:** Characteristic

Important information related to Health, Safety and Environment

- A **pH at 50 g/l H₂O (20 °C):** 4.9-5.5
- 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):** 1.23 – 1.29 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

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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 June 2012.

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