
SECTION 1: Identification

1.1 GHS Product identifier

Product name Quic-K™

1.2 Other means of identification

Quic-K™
0-0-24

1.3 Recommended use of the chemical and restrictions on use

Agricultural / Horticultural Use - Commercial Fertilizer

1.4 Supplier's details

Name Ultra Gro LLC
Address 1043 S Granada Ave
Madera CA 93637
USA
Telephone (559) 661-0977
Email office@ultragro.com

1.5 Emergency phone number

1-800-424-9300 - CHEMTREC - U.S. Canada, Puerto Rico - 24 Hrs

SECTION 2: Hazard identification

General hazard statement

It may cause eye irritation.

2.1 Classification of the substance or mixture

GHS classification by OSHA (29 CFR 1910.1200, 2012)

Not a hazardous substance or mixture.

2.2 GHS label elements, including precautionary statements

Not a hazardous substance or mixture.

2.3 Other hazards which do not result in classification

Not a hazardous substance or mixture.

Statement regarding ingredients of unknown toxicity

No known significant effects or critical hazards.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous components

1. Potassium acetate

Concentration 45 - 70 % (weight)
EC no. 204-822-2
CAS no. 127-08-2

Trade secret statement (OSHA 1910.1200(i))

The manufacturer lists no ingredients as hazardous according to OSHA 29 CFR 1910.1200.
Designates that a specific chemical identity and/or composition percentage has been withheld as a trade secret.

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

If inhaled, Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. If irritation persists, call a doctor for treatment advice.

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In case of skin contact,	Remove contaminated clothing and rinse the skin immediately with plenty of soap and water for 15-20 minutes. Call a poison control center or doctor immediately for treatment advice if irritation persists.
In case of eye contact,	Hold the eyelid open and rinse slowly and gently with water for 15-20 minutes. If contact lenses are present, remove them after the first 5 minutes, then continue rinsing the eye. Call a poison control center or doctor immediately for treatment advice.
If swallowed,	Wash out mouth with water. Remove the victim to fresh air and keep them at rest comfortably for breathing. If the material has been eaten and the exposed person is conscious, drink small quantities of water. Do not induce vomiting unless medical personnel instruct it. Get medical attention if symptoms occur.
Personal protective equipment for first-aid responders	No action shall be taken involving any personal risk or without suitable training.

4.2 Most important symptoms/effects, acute and delayed

Not expected to present a significant hazard under anticipated conditions of normal use
It may cause eye irritation.
It may cause gastrointestinal discomfort.

4.3 Indication of immediate medical attention and special treatment needed, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

Use media suitable for surrounding fire. No special media is required. The material will not burn.

5.2 Specific hazards arising from the chemical

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

5.3 Special protective actions for fire-fighters

Firefighters should wear appropriate protective equipment and a self-contained breathing apparatus (SCBA) with a full facepiece in positive pressure mode.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment, and emergency procedures

Avoid breathing vapors, mist, or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas. For personal protection, see section 8.

6.2 Environmental precautions

Avoid release to the environment.
Prevent spilled material from entering storm drains or water bodies. If material enters a waterway, notify the appropriate authorities.

6.3 Methods and materials for containment and cleaning up

Contain material and place it in containers for use as intended, or discard it according to federal, state, and local regulations.
Stop leak if without risk. Move containers from the spill area. Dilute with water and mop up if water-soluble. If water-insoluble, absorb it with an inert dry material and place it in an appropriate waste disposal container. Dispose of it via a licensed waste disposal contractor.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Ensure good ventilation of the workstation. Wear personal protective equipment. Do not eat, drink, or smoke when using this product. Always wash your hands after handling it.

7.2 Conditions for safe storage, including any incompatibilities

Do not store food or feedstuffs. Store in a cool, dry, well-ventilated area away from incompatible materials.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

1. Potassium acetate (CAS: 127-08-2)

8.2 Appropriate engineering controls

Avoid contact with skin, eyes, and clothing. Wash hands before breaks and immediately after handling the product.

8.3 Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection

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Wear chemical safety goggles and/or a full face shield when splashing on solutions. Maintain eye wash and quick-drench facilities in the work area.

Skin protection

Wear impervious protective clothing, such as boots, gloves, a lab coat, apron, or coveralls, as appropriate to prevent skin contact.

Body protection

Wear impervious protective clothing, such as boots, gloves, a lab coat, apron, or coveralls, as appropriate to prevent skin contact.

Respiratory protection

For conditions of use where exposure to dust or mist is apparent, a half-face dust/mist respirator may be worn. If required, use a NIOSH-approved particulate/mist respirator.

SECTION 9: Physical and chemical properties

Basic physical and chemical properties

Physical state	Liquid
Appearance	Clear
Odor	no odor
Odor threshold: No data available	
Melting point/freezing point	10F
The boiling point or initial boiling point and boiling range	Not applicable
Flammability	Not flammable
Lower and upper explosion limit/flammability limit	No data available
Flashpoint point	Not applicable
Auto-ignition temperature	Not applicable
Decomposition temperature	Not applicable
pH	7.5 – 8.5
Kinematic viscosity	Not available
Solubility	Miscible
Partition coefficient n-octanol/water (log value)	No data available
Vapor pressure	No data available
Evaporation rate	No data available
Density and/or relative density	1.26
Relative vapor density	Not available

SECTION 10: Stability and reactivity

10.1 Reactivity

Stable under normal conditions of use and storage.

10.2 Chemical stability

The product is stable

10.3 Possibility of Hazardous Reactions

The product is stable

10.4 Conditions to avoid

Acids

10.5 Incompatible materials

Chlorates, nitrates, Strong oxidizing agents

10.6 Hazardous decomposition products

When heated (in a fire), it may give off carbon dioxide, carbon monoxide, and potassium oxide.

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

Potassium acetate: LD50, Oral, Rat, 3250 mg/kg

Skin corrosion/irritation

Irritating to skin.

Severe eye damage/irritation

It may cause temporary and reversible eye irritation.

Respiratory or skin sensitization

It may irritate the skin, respiratory tract, mucous membranes, and gastrointestinal tract.

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Germ cell mutagenicity

No known significant effects or critical hazards.

Carcinogenicity

None of the ingredients are known/listed carcinogens.

Reproductive toxicity

No known significant effects or critical hazards.

Specific target organ toxicity (STOT) - single exposure

No known significant effects or critical hazards.

Specific target organ toxicity (STOT) - repeated exposure

No known significant effects or critical hazards.

Aspiration hazard

No known significant effects or critical hazards.

SECTION 12: Ecological information

Toxicity

Potassium acetate

Acute EC50 1.05 g/L Freshwater Daphnia - Daphnia similis - Neonate <16 hours 48 hours

Acute LC50 313 mg/L Freshwater Crustaceans - Ceriodaphnia dubia 48 hours

Acute LC50 298 mg/L Freshwater Fish - Pimephales promelas 96 hours

The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

Persistence and degradability

This product is not known to be ecotoxic, persistent, or have the potential to bioaccumulate.

Bioaccumulative potential

This product is not known to be ecotoxic, persistent, or have the potential to bioaccumulate.

Mobility in soil

No known significant effects or critical hazards.

Endocrine disrupting properties

No known significant effects or critical hazards.

Other adverse effects

Long-term degradation products may arise. Products of degradation are not expected to be hazardous.

Excessive nutrients in waterways may cause algal blooms that may harm aquatic life.

SECTION 13: Disposal considerations

Disposal methods

Product disposal

This material is not considered hazardous waste. However, disposal must be done according to local, state, and federal environmental regulations. Waste must be placed in an appropriate container with correct labeling. Where possible, use the product for its intended purpose.

Packaging disposal

Triple rinse and dispose of in accordance with federal, state, and local laws and regulations

Other disposal recommendations

Reuse recovered product where possible.

SECTION 14: Transport information

14.1	UN Number	None
14.2	UN Proper Shipping Name	None
14.3	Transport hazard class(es)	None
14.4	Packing group	None
14.5	Environmental hazards	None
14.6	Special precautions for user	None
14.7	Transport in bulk according to IMO instruments	None

SECTION 15: Regulatory information

15.1 Safety, health, and environmental regulations specific to the product in question

US EPA TSCA public inventory

Chemical name: Potassium acetate

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CAS number: 127-08-2

15.2 Chemical Safety Assessment

No known specific national and/or regional regulations applicable to this product

Section 302: None listed

Section 311/312: Yes

Section 313: None listed

CERCLA: None listed

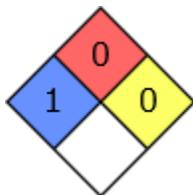
California Proposition 65: None listed.

U.S. State Worker and Community Right-To-Know (RTK) Information:

HMIS Rating

UG Quic-K	
HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	A

NFPA Rating



SECTION 16: Other information

16.1 Further information/disclaimer

The information and data contained herein are based upon facts considered correct as of the date. Information is supplied upon the condition that the persons receiving it will determine its suitability for their purposes before use. In no event will Ultra Gro, LLC be responsible for damages resulting from the use or reliance upon this information. No representations or warranties, expressed or implied, of merchantability, fitness for a particular purpose, or of any other nature are made hereunder concerning information or the product to which this information refers.

16.2 Preparation information

PREPARED BY: ULTRA GRO, LLC