
SECTION 1: Identification

1.1 GHS Product identifier

Product name Control™

1.2 Other means of identification

Control™ 1.6 - 12.5 - 5.5

1.3 Recommended use of the chemical and restrictions on use

Commercial use Agricultural / Horticultural 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

This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

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 Classified

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous components

1. Potassium phosphate Monobasic

Concentration 7 - 13 % (weight)
EC no. 231-913-4
CAS no. 7778-77-0

2. Phosphonic acid, potassium salt (1:2)

Concentration 10 - 30 % (weight)
EC no. 236-809-2
CAS no. 13492-26-7

3. UG Proprietary Blend of Non-Hazardous Ingredients

Concentration 3 - 7 % (weight)

Trade secret statement (OSHA 1910.1200(i))

*The specific chemical identities and/or actual concentrations or actual concentration ranges for one or more listed components are being withheld as trade secrets under the US regulation 29 CFR 1910.1200(i).

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

General advice: This product is not a "health hazard" is not a "physical hazard" as determined when reviewed according to the requirements of the Occupational Safety and Health Administration Hazard Communication Standard, 20 CFR 1910.1200

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If inhaled, move to fresh air and keep comfortable; seek medical attention if unwell.

In case of skin contact, Wash affected areas with soap and water. Seek medical attention if irritation persists. Wash contaminated clothing before re-use.

In case of eye contact, immediately flush with water for 15-20 minutes, remove contact lenses if present, and continue rinsing if it is easy. Seek medical attention if irritation persists.

If swallowed, rinse mouth. DO NOT INDUCE VOMITING unless directed by a medical professional. Seek medical attention if unwell.

4.2 Most important symptoms/effects, acute and delayed

It may irritate mucous membranes and the respiratory tract.

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

Treatment should be symptomatic and supportive. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves, and prevent the spread of contamination.

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

Use media suitable for surrounding fire. No special media is required.

5.2 Specific hazards arising from the chemical

This product will emit toxic oxides/fumes and ammonia when heated to decomposition.

5.3 Special protective actions for fire-fighters

Wear full protective clothing and positive-pressure self-contained breathing apparatus (SCBA).

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment, and emergency procedures

Keep unauthorized personnel away. Avoid dust formation. Ensure adequate ventilation. Use personal protection recommended in Section 8. In case of fire: Stop the leak if it is safe.

6.2 Environmental precautions

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

SMALL SPILLS: Contain and absorb with absorbent material and place into containers for later disposal. Wash the site of spillage thoroughly with water. LARGE SPILLS: Dike far ahead of the spill to prevent further movement. Recover by pumping or using a suitable absorbent material and place it into containers for later disposal. Dispose in the appropriate waste container.

Reference to other sections

Wear PPE according to Section 8

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Wash hands after handling the material. Do not eat, drink, or smoke while handling the material. Avoid breathing vapors/mists. Not intended for human consumption.

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. Liquid fertilizer blend

[Mixture]

8.2 Appropriate engineering controls

Provide a good standard of controlled ventilation. Use exhaust ventilation to keep airborne concentrations below exposure limits. In case of insufficient ventilation, wear suitable respiratory equipment.

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

Eye/face protection

Safety glasses with side shields, goggles, or face shields.

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Skin protection

Appropriate for the task. Impervious and compatible with material.

Respiratory protection

NIOSH-approved respirator, if required. Use with adequate ventilation.

SECTION 9: Physical and chemical properties

Basic physical and chemical properties

Physical state	Liquid
Appearance	Clear to slightly brown
Color	Clear to somewhat brown
Odor	Slight ammonia
Odor threshold	Not available
Melting point/freezing point	Not applicable
The boiling point or initial boiling point and boiling range	are Not available
Flammability	Not applicable
Lower and upper explosion limit/flammability limit	Not applicable
Flashpoint point	Not applicable
Auto-ignition temperature	Not applicable
Decomposition temperature	Not available
pH	5.0 – 7.0
Kinematic viscosity	Not available
Solubility	Soluble
Partition coefficient n-octanol/water (log value)	Not applicable
Vapor pressure	Not available
Evaporation rate	Not available
Density and/or relative density	1.32
Relative vapor density	Not available

SECTION 10: Stability and reactivity

10.1 Reactivity

Stable under normal conditions

10.2 Chemical stability

Stable under normal conditions

10.3 Possibility of Hazardous Reactions

None under normal use conditions.

10.4 Conditions to avoid

Heat

10.5 Incompatible materials

Strong acids, bases, oxidizers, soft metals
Aluminum, copper, and their alloys; galvanized metal

10.6 Hazardous decomposition products

Toxic oxides/fumes and ammonia.
HCN, NO_x, PO_x, CO_x, NH₃

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

Not considered hazardous
No data available

Skin corrosion/irritation

It may irritate the skin.

Severe eye damage/irritation

It may cause temporary and reversible eye irritation.

Respiratory or skin sensitization

Inhalation may result in coughing and difficulty breathing.

Germ cell mutagenicity

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No data available

Carcinogenicity

None of the ingredients are known/listed carcinogens.

Reproductive toxicity

No data available

Specific target organ toxicity (STOT) - single exposure

No data available

Specific target organ toxicity (STOT) - repeated exposure

No data available

Aspiration hazard

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

SECTION 12: Ecological information

Toxicity

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

Persistence and degradability

No data available

Bioaccumulative potential

No data available

Mobility in soil

No data available

Results of PBT and vPvB assessment

No data available

Endocrine disrupting properties

No data available

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

Use product for intended purpose where possible. Dispose of by all national, regional / state, and local regulations.

Packaging disposal

Product residue may remain in empty containers. Empty containers should be taken to an approved waste handling site for recycling or disposal.

Waste treatment

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

Sewage disposal

Prevent spilled material from entering sewage systems. If material enters a waterway, notify the appropriate authorities.

SECTION 14: Transport information

This product is not regulated as a transportation hazard.

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

SECTION 15: Regulatory information

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

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US EPA TSCA public inventory

Chemical name: Polyphosphoric acids, ammonium salts
CAS number: 68333-79-9

Chemical name: Potassium phosphate Monobasic
CAS number: 7778-77-0

Chemical name: Potassium phosphate, dibasic
CAS number: 7758-11-4

Chemical name: Urea
CAS number: 57-13-6

Chemical name: Phosphonic acid, potassium salt (1:2)
CAS number: 13492-26-7

15.2 Chemical Safety Assessment

SARA 311/312: No requirements

SARA 313: No requirements

REPORTABLE QUANTITY: No requirements

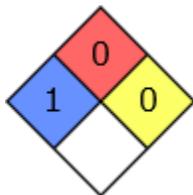
RIGHT-TO-KNOW: No requirements

CA PROP 65: No requirements

HMIS Rating

Revive Control	
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

Ultra Gro, LLC