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**SECTION 1: Identification**

**1.1 GHS Product identifier**

Product name Rhizoplex™ ATP

**1.2 Other means of identification**

Ultra Gro 2-17-17  
UG 2-17-172-17-17

**1.3 Recommended use of the chemical and restrictions on 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

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**SECTION 2: Hazard identification**

**General hazard statement**

The material is not considered hazardous

**2.1 Classification of the substance or mixture**

**GHS classification in accordance with 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

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**SECTION 3: Composition/information on ingredients**

**3.2 Mixtures**

**Hazardous components**

**1. Potassium phosphate Monobasic**

Concentration 10 - 30 % (weight)  
EC no. 231-913-4  
CAS no. 7778-77-0

**2. Potassium phosphate, dibasic**

Concentration 10 - 30 % (weight)  
CAS no. 7758-11-4

**3. Urea**

Concentration 7 - 13 % (weight)  
EC no. 200-315-5  
CAS no. 57-13-6

**4. UG Proprietary Blend of Non-Hazardous Ingredients**

Concentration 5 - 10 % (weight), Proprietary

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**SECTION 4: First-aid measures**

# Safety Data Sheet

## Rhizoplex™ ATP

### 4.1 Description of necessary first-aid measures

General advice	IF ON SKIN: Wash affected areas with soap and water. Seek medical attention if irritation persists. Wash contaminated clothing before re-use. IF IN THE EYES: Immediately flush with water for 15-20 minutes; remove contact lenses if present and easy to do – continue rinsing. 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. SPECIAL TREATMENT: None known HEALTH HAZARDS: See Section 11
If inhaled,	Move the victim to fresh air. Seek medical attention if irritation persists.
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 easy to do, and continue rinsing. Seek medical attention if irritation persists.
If swallowed,	If the victim is alert and not convulsing, give one glass of water to dilute the material. DO NOT induce vomiting. Seek immediate medical attention.

### 4.2 Most important symptoms/effects, acute and delayed

The most important known symptoms and effects are described in the labeling (see section 2.2) and/or in section 11

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

No data available

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## 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.

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## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment, and emergency procedures

Wear PPE according to Section 8.

### 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

Contain material and place it in containers for use as intended, or discard it according to federal, state, and local regulations.

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## 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 vapor/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.

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## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### 1. UG Liquid Fertilizer Blend

### 8.2 Appropriate engineering controls

Constituents have no known exposure limits.

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

# Safety Data Sheet

## Rhizoplex™ ATP

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

#### Eye/face protection

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

#### Skin protection

Sleeves rubber gloves recommended

#### Respiratory protection

NIOSH-approved particulate/mist respirator, if required

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## SECTION 9: Physical and chemical properties

### Basic physical and chemical properties

Physical state	Liquid
Appearance	Clear to slightly tan
Color	Clear to slightly tan
Odor	Slight ammonia odor
Odor threshold	Not available
Melting point/freezing point	Not applicable
The boiling point or initial boiling point and boiling range	Not applicable
Flammability	Not flammable
Lower and upper explosion limit/flammability limit	Not applicable
Flash point	Not applicable
Auto-ignition temperature	Not applicable
Decomposition temperature	Not applicable
pH	7.0 - 8.0
Kinematic viscosity	Not available
Solubility	Soluble
Partition coefficient n-octanol/water (log value)	Not available
Vapor pressure	Not available
Evaporation rate	Not available
Density and/or relative density	1.26
Relative vapor density	Not available

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## SECTION 10: Stability and reactivity

### 10.1 Reactivity

None under normal use conditions.

### 10.2 Chemical stability

The product is stable

### 10.3 Possibility of Hazardous Reactions

None under normal use conditions.

### 10.4 Conditions to avoid

Contact with strong acids

### 10.5 Incompatible materials

Aluminum, copper, and their alloys; galvanized metal

### 10.6 Hazardous decomposition products

HCN, NO<sub>x</sub>, PO<sub>x</sub>, CO<sub>x</sub>, NH<sub>3</sub>

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## SECTION 11: Toxicological information

### Information on toxicological effects

#### Acute toxicity

Oral: > 214 mg/kg (potassium hydroxide) -- 14,300 mg/kg (urea)

Dermal: > 2,730 mg/kg (phosphoric acid)

Inhalation: > 850 mg/m<sup>3</sup> (1 hr) (phosphoric acid)

#### Skin corrosion/irritation

It may cause skin irritation.

#### Severe eye damage/irritation

It may cause temporary and reversible eye irritation.

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### Respiratory or skin sensitization

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

### Germ cell mutagenicity

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 also irritate the respiratory, mucous, and gastrointestinal tract.

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## SECTION 12: Ecological information

### Toxicity

This product is not known to be ecotoxic.

### Persistence and degradability

This product is not known to be persistent.

### Bioaccumulative potential

This product is not known to have the potential to bioaccumulate.

### 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.

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## 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.

#### Waste treatment

Do not allow product to enter storm drains or waterways.

#### Sewage disposal

So, do not allow products to enter sewage treatment systems.

#### Other disposal recommendations

Reuse recovered product where possible.

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## SECTION 14: Transport information

### DOT (US)

Not dangerous goods

### IMDG

Not dangerous goods

### IATA

Not dangerous goods

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## SECTION 15: Regulatory information

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

#### SARA 311/312 Hazards

Product name: UG 2-17-17

# Safety Data Sheet

## Rhizoplex™ ATP

### US EPA TSCA public inventory

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

### US EPA TSCA public inventory

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

### US EPA TSCA public inventory

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

## 15.2 Chemical Safety Assessment

REPORTABLE QUANTITY:

No requirements

RIGHT-TO-KNOW:

No requirements

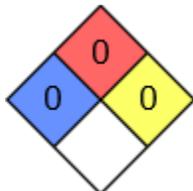
CA PROP 65:

No requirements

### HMIS Rating

Rhizoplex ATP	
HEALTH	0
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	B

### NFPA Rating



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## 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