



ULTRA GRO  
Ag is Life

**ULTRA GRO, LLC  
SAFETY DATA SHEET**

DATE PREPARED: 10/22/2018

CURRENT AS OF: 10/22/2018

**SECTION 1: PRODUCT / SUPPLIER IDENTIFICATION**

PRODUCT NAME: ULTRA GRO Soil Treatment 6-0-0-8  
 SYNONYMS: Calcium Nitrate  
 PRODUCT USE: FERTILIZER  
 CHEMICAL: Proprietary blend  
 MFR INFO: Ultra Gro, LLC  
 1043 S. Granada Drive  
 Madera, CA 93637

FOR EMERGENCY: (559) 661-0977  
 CHEMTREC: (800) 424-9300

**SECTION 2: HAZARDS IDENTIFICATION**

HAZARD SYMBOLS / STATEMENTS:



**WARNING**

**MAY BE HARMFUL IF SWALLOWED  
 MAY CAUSE SKIN IRRITATION  
 MAY CAUSE EYE IRRITATION  
 MAY CAUSE RESPIRATORY IRRITATION**



HAZARD CLASSIFICATIONS:

<u>HAZARD CLASSIFICATIONS:</u>	<u>CATEGORY</u>	<u>INTERPRETATION</u>
ACUTE TOXICITY	5	Low
SKIN IRRITATION	3	Mild
EYE IRRITATION	2 B	Severe Eye Irritation Possible
TARGET ORGAN SYSTEMIC TOXICITY	3	Transient Respiratory Irritatio Possible

PRECAUTIONARY STATEMENTS:

CALL A POISON CENTER/PHYSICIAN IF UNWELL  
 IF SKIN IRRITATION OCCURS, GET MEDICAL ADVICE  
 IF IN EYE, RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES-REMOVE CONTACT LENSES  
 IF EYE IRRITATION PERSISTS, GET MEDICAL ADVICE  
 WASH HANDS AFTER HANDLING  
 USE ONLY OUTDOORS OR IN WELL VENTILATED AREAS  
 AVOID BREATHING MIST / SPRAY

IF INHALED, REMOVE TO FRESH AIR AND KEEP AT REST IN A POSITION COMFORTABLE FOR BREATHING  
STORE CONTAINER TIGHTLY CLOSED  
DISPOSE OF CONTENTS/CATAINER IN ACCORDANCE WITH NATIONAL/REGIONAL/LOCAL REGULATIONS

### SECTION3: COMPOSITION / INFORMATION ON INGREDIENTS

<u>CHEMICAL IDENTITY</u>	<u>SYNONYM</u>	<u>CAS NUMBER</u>	<u>CONCENTRATION (%)</u>
Calcium nitrate tetrahydrate solution	6-0-0-8	13477-34-4	100.0

### SECTION 4: FIRST AID MEASURES

<b>Inhalation:</b>	No hazards under normal workplace ventilation
<b>Skin Contact:</b>	Mixtures of these compounds may cause skin irritation
<b>Eye Contact:</b>	Immediately flush with water for at least 20 minutes. Seek medical attention if irritation persists.
<b>Ingestion:</b>	If victim is alert and not convulsing, give one glass of water to dilute material, and induce vomiting. Seek immediate medical attention.
<b>Special Treatment:</b>	None known
<b>Health Hazards:</b>	See Section 11

### SECTION 5: FIREFIGHTING MEASURES

<b>Flash Point:</b>	>350 Degrees Fahrenheit (pm-astm-d93)
<b>Flammable limits in air, lower:</b>	Not Flammable.
<b>Flammable limits in air, upper:</b>	Not Flammable.
<b>Extinguishing Media:</b>	This material will not create a fire, health or environmental hazard with any normal extinguishing techniques. (water, foam, CO2 or dry chemicals)
<b>Fire or Explosion Hazards:</b>	Decomposition products may be toxic.
<b>Special Firefighting Procedures:</b>	Wear full protective clothing and positive-pressure self-contained breathing apparatus.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

<b>SPILL/RELEASE PROCEDURES:</b>	Collect spilled product and store to re-use. Contaminated product and/or enviromental media should be recovered and disposed of properly.
<b>ENVIRONMENTAL PRECAUTIONS:</b>	Prevent spilled material from entering storm drains or water bodies.

PROTECTIVE EQUIPMENT:

See Section 8

## SECTION 7: HANDLING AND STORAGE

Store in a cool, dry, well ventilated area.

## SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

### EXPOSURE LIMITS:

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

### HAZARDOUS COMPONENT

### OSHA PEL

### ACGIH TLV

Calcium nitrate tetrahydrate solution

None

### PERSONAL PROTECTIVE EQUIPMENT / PROTECTION MEASURES / CONTROLS:

#### **Respiratory Protection:**

NIOSH approved particulate / mist respirator, if required

#### **Eye Protection:**

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

#### **Skin Protection:**

Long sleeves, rubber gloves recommended

#### **Ventilation:**

Local exhaust ventilation recommended

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

#### **Appearance & Odor:**

Brown liquid, Slight Ammonia

#### **pH:**

5.6

#### **Melting point:**

Not available

#### **Boiling point:**

210 degrees Fahrenheit

#### **Flash Point:**

> 350 degrees Fahrenheit (pm-astm-d93)

#### **Evaporation Rates:**

Not applicable

#### **Flammable limits in air**

Not flammable

#### **upper and lower**

Not flammable

#### **Vapor pressure:**

0.25 (psi)

#### **Vapor density:**

> 1 (air = 1)

#### **Specific gravity:**

1.43 (water = 1)

#### **Water solubility:**

Miscible

## SECTION 10: STABILITY AND REACTIVITY

#### **Stability:**

Stable

**Conditions to Avoid:** Do not mix directly with strong acids, bases or oxidizers.  
**Imcompatibility:** Water reactive materials  
**Hazardous decomposition:** Burning may produce phosphorous pentoxide

### SECTION 11: TOXICOLOGICAL INFORMATION

**Health Effects:** May cause irritation of the eyes, skin, respiratory tract, and gastrointestinal tract. Significant overexposure could potentially result in methemoglobinemia and nitrate poisoning. Symptoms might include cyanosis, increased pulse rates, nausea, vomiting, dizziness, headache, weakness, shortness of breath, and stupor.

**Carcinogenicity:** None of the ingredients are known / listed carcinogens.

#### Ingredient Toxicity ranges:

**Oral:** 3,900 mg/kg

**Dermal:** None listed

**Inhalation:** None listed

### SECTION 12: ENVIRONMENTAL PROTECTION

**Environmental Precautions:** Avoid the uncontrolled release of this material. Where spills are possible, a comprehensive spill response plan should be developed and implemented.

**Spill or leak Precautions:** Wear appropriate protective equipment. Contain spilled material. Transfer to secure containers. If necessary collect with absorbent material. In event of an uncontrolled release of this material, user should determine if release is reportable under applicable laws and regulations.

**Waste Disposal:** All recovered material should be packaged, labeled, transported and disposed of or reclaimed in accordance with applicable laws and regulations as well as good engineering practices. Avoid land filling of liquids. Reclaim if possible.

### SECTION 13: TRANSPORT INFORMATION

This product is not regulated as a transportation hazard.

### SECTION 14: REGULATORY INFORMATION

**SARA Section 311 / 312 Hazard Category:** Not Applicable  
**DOT classification:** None

### SECTION 15: OTHER INFORMATION

**NFPA RATINGS:**

HEALTH	0
FLAMMABILITY	0
INSTABILITY	0

<b>HMIS RATINGS:</b>	HEALTH	1
	FLAMMABILITY	0
	PHYSICAL HAZARD	0

**SDS ID NO:** US001

**PREPARED BY:** UGPF

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