



ULTRA GRO
Ag is Life
ULTRA GRO, LLC
SAFETY DATA SHEET

DATE PREPARED: 5/10/2017

CURRENT AS OF: 5/10/2017

SECTION 1: PRODUCT / SUPPLIER IDENTIFICATION

PRODUCT NAME: ULTRA GRO CALCIUM 9%

PRODUCT USE: FERTILIZER

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

CALCIUM 9%

STORE CONTAINER TIGHTLY CLOSED

DISPOSE OF CONTENTS/CATAINER IN ACCORDANCE WITH NATIONAL/REGIONAL/LOCAL REGULATIONS

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

<u>CHEMICAL IDENTITY</u>	<u>SYNONYM</u>	<u>CAS NUMBER</u>	<u>CONCENTRATION (%)</u>
Calcium nitrate tetrahydrate solution	6-0-0-9	13477-34-4	100.0

SECTION 4: FIRST AID MEASURES

IF INHALED:	Move victim to fresh air. Seek medical attention if irritation persists.
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 at least 20 minutes. Seek medical attention if irritation persists.
IF SWALLOWED:	If victim is alert and not convulsing, give one glass of water to dilute material, and induce vomiting. Seek immediate medical attention.
SPECIAL TREATMENT:	None known
HEALTH HAZARDS:	See Section 11

SECTION 5: FIREFIGHTING MEASURES

EXTINGUISHING MEDIA:	Use media suitable for surrounding fire. No special media required.
SPECIFIC FIRE HAZARDS:	Decomposition products may be toxic.
SPECIAL FIREFIGHTING PROCEDURES:	Wear full protective clothing and positive-pressure self-contained breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

SPILL/RELEASE PROCEDURES:	Collect spilled product and store to re-use. Contaminated product and/or environmental media should be recovered and disposed of properly.
ENVIRONMENTAL PRECAUTIONS:	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.

<u>HAZARDOUS COMPONENT</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
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Calcium nitrate tetrahydrate solution		
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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 AND ODOR:	Colorless to pale yellow liquid with no appreciable odor
pH:	6.5
MELTING POINT:	Not available
BOILING POINT:	~220° F
FLASH POINT:	Not flammable
EVAPORATION RATE:	Not applicable
FLAMMABLE LIMITS:	Not applicable
VAPOR PRESSURE:	Not applicable
VAPOR DENSITY:	Not applicable
SPECIFIC GRAVITY:	1.452
SOLUBILITY (IN WATER):	Soluble
PARTITION COEFFICIENT:	Not applicable
AUTO IGNITION TEMP:	Not applicable
DECOMPOSITION TEMP:	Not applicable

SECTION 10: STABILITY AND REACTIVITY

STABILITY: Product is stable.

CONDITIONS TO AVOID: Excessive heat

INCOMPATIBILITY: Water reactive materials

HAZARDOUS DECOMPOSITION PRODUCTS: No_x

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: ECOLOGICAL INFORMATION

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

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of in accordance with all national, regional / state, and local regulations. Reuse recovered product where possible.

SECTION 14: TRANSPORT INFORMATION

This product is not regulated as a transportation hazard.

SECTION 15: REGULATORY INFORMATION

SARA SECTION 311 / 312 HAZARD CATEGORY: IMMEDIATE HAZARD

SECTION 16: OTHER INFORMATION

NFPA RATINGS:	HEALTH	1
	FLAMMABILITY	0
	INSTABILITY	0

HMIS RATINGS:	HEALTH	1
	FLAMMABILITY	0
	PHYSICAL HAZARD	0

SDS ID NO: US001

PREPARED BY: UGPF

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