



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 LLC, (ULTRA GO 3-4.5-2 CROP SHIELD)
 SYNONYMS: Ammonium Phosphate/Thiosulfate Solution
 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 INGREDIENTS

COMPOSITION	%	PEL	HAZARD
NONE	---		

SECTION 3: OCCUPATIONAL EXPOSURE LIMITS

PEL: NO OSHA PEL
 TLV: NO ACGIH TLV

SECTION 4: FIRST AID MEASURES

Inhalation: No hazards under normal workplace ventilation

Skin Contact:	Mixtures of these compounds may cause skin irritation
Eye Contact:	Mixtures of these compounds may cause eye irritation
Ingestion:	LD50> 10,000 mg/kg
Special Treatment:	None known
Other:	None experienced or predicted

SECTION 5: FIREFIGHTING MEASURES

Flash Point:	>350 Degrees Fahrenheit (pm-astm-d93)
Flammable limits in air, lower:	Not Flammable.
Flammable limits in air, upper:	Not Flammable.
Extinguishing Media:	This material will not create a fire, health or environmental hazard with any normal extinguishing techniques. (water, foam, CO2 or dry chemicals)
Fire or Explosion Hazards:	Firefighters should wear self-contained breathing apparatus when there is a possibility of exposure to smoke, fumes or hazardous decomposition products.
Special Firefighting Procedures:	This material will not create a fire, health or environmental hazard with any normal extinguishing techniques. (water, foam, CO2 or dry chemicals)

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 6: ACCIDENTAL RELEASE MEASURES

SPILL/LEAK PRECAUTIONS:	Wear appropriate protective equipment (see sect. IX). Contain spilled material. Transfer to secure containers. If necessary collect with absorbent material. In the event of an uncontrolled release of this mater, user should determine if release is reportable under applicable laws and regulations.
ENVIRONMENTAL PRECAUTIONS:	Avoid the uncontrolled release of this material. Where spills are possible, a comprehensive spill response plan should be developed and implemented.

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 whenever possible.

SECTION 7: HANDLING AND STORAGE

Follow normal safe warehousing practices. Keep away from children.

Container classified as hazardous when empty. Since containers contain residue of material, all hazards and precautions listed in other sections of SDS must be observed. Take precautions to prevent container damage or puncture during transport and storage.

SECTION 8: EXPOSURE CONTROLS / EMPLOYEE PROTECTION

CONTROL MEASURES: Provide adequate local exhaust ventilation to maintain concentrations below acceptable exposure criteria.

RESPIRATORY PROTECTION: Where exposure is likely to exceed acceptable criteria, use NIOSH/OSHA approved respirator. Respirators should be selected based on the form and concentration of the contaminant.

PROTECTIVE CLOTHING: Wear RUBBER GLOVES and clothes that are impervious to the product for the duration of the anticipated exposure if there is potential for prolonged or repeated skin contact.

EYE PROTECTION: Wear SAFETY GLASSES meeting the specification of ANSI Z87.1 where NO eye contact is anticipated. If there is potential for eye contact, wear SAFETY GOGGLES meeting specifications of ANSI Z87.1.

EMERGENCY FIRST AID PROCEDURE

Ingestion: If victim is conscious and able to swallow, quickly have victim drink water or milk to dilute. Do **NOT** give sodium bicarbonate, fruit juices or vinegar. **Never** give anything by mouth if victim is unconscious or having convulsions. Induce vomiting **ONLY** if advised by physician or poison control center. **CALL PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY.**

Skin Contact: Immediately flush skin with plenty of water while removing contaminated clothing. Wash clothing before reuse.

Eye Contact: Immediately flush eyes with plenty of cool water for at least 15 minutes. Do not let victim rub eyes. **GET MEDICAL ATTENTION IMMEDIATELY.**

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance & Odor: Brown liquid, Slight Ammonia

pH: 7.2

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 upper and lower	Not flammable
Vapor pressure:	0.25 (psi)
Vapor density:	> 1 (air = 1)
Specific gravity:	1.14 (water = 1)
Water solubility:	Miscible
NFPA Rating:	None

SECTION 10: STABILITY AND REACTIVITY

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

SECTION 11: TOXICOLOGICAL INFORMATION

Health Effects: Avoid contact with skin, eyes, or clothing. In case of contact, immediately flush skin or eyes with plenty of water for at least 15 minutes.

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

Ingredient Toxicity ranges:

Oral:	None listed
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

HMIS RATINGS:

HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0

SDS ID NO: US001

PREPARED BY: UGPF

The information presented herein is believed to be factual as it has been derived from the works and opinions of persons believed to be qualified experts; However, nothing contained in this information is to be taken as a warranty or representation of which Ultra Gro, LLC bears legal responsibility. The user should review any recommendations in the specific context of the intended use to determine whether they are appropriate.