



ULTRA GRO
Ag is Life

**ULTRA GRO, LLC
SAFETY DATA SHEET**

DATE PREPARED: 9/7/2018

CURRENT AS OF: 9/7/2018

SECTION 1: PRODUCT / SUPPLIER IDENTIFICATION

PRODUCT NAME: ULTRA GRO ACIDIFIER

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 RATINGS/ NFPA HMIS DATA:

Health 1 0= MINIMAL
1=SLIGHT
FIRE 0 2-MODERATE
3=HIGH
REACTIVITY 0 4=EXTREME

INGREDIENT	CAS NO.	OSHA PEL	ACIFH TLV	OTHER STEL	% OR RNG	OTHER STEL	SK	
CAS#12501-73-4	NOT HAZARDOUS PER OSHA UNDER 49 CFR 1910.1200							

NOTE: AN "UNDER SKIN" INDICATES THAT OSHA REQUIRES SKIN PROTECTION TO PREVENT OR REDUCE EXPOSURE TO INGREDIENT. DOES NOT CONTAIN ANY SARA TITLE III, SECTION 313 SUBSTANCE SUBJECT TO REPORTING.

SECTION 3: PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: **205 F** Specific Gravity (H2O=1) 1.060 - 1.070
Vapor Pressure (mm Hg) N/D Freezing Point 20F
Vapor Density (Air=1) N/D Evaporation Rate (Water=1) >1
Solubility in Water 100%
Appearance and odor: Clear liquid with bland odor.
VOC CONTENT: **NONE**

SECTION 4: FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): NONE FLAMMABLE Limits: LEL : N/A UEL: N/A
Extinguishing Media: APPROPRIATE TO SURROUNDING FIRE
Special Fire Fighting Procedures: APPROPRIATE TO SURROUNDING FIRE

Unusual Fire and Explosion Hazards: NONE

SECTION 5: REACTIVITY DATA

Stability: Stable
Incompatibility (Material to Avoid): Do not mix with strong acids, amines, hypochlorites or strong oxidizing or reducing agents.
Hazardous Decomposition or Byproducts: None known.
Hazardous Polymerization: Will Not Occur

SECTION 6: HEALTH HAZARD DATA

Route(s) of Entry: Inhalation? Yes Skin? Yes Ingestion? Yes Eyes? Yes
Health Hazards (Acute and Chronic): None known
Carcinogenicity:
NTP Ingredients not listed
IARC Monographs Ingredients not listed
OSHA Regulated Ingredients not listed

Signs and Symptoms of Exposure:

INHALATION: None other than same as exposure to water vapor.
INGESTION: Sour taste. Excessive ingestion may result in diarrhea.
SKIN CONTACT: None expected. May irritate sensitive individuals.
EYE CONTACT: Burning sensation. Tearing.

Medical Conditions Generally Aggravated by Exposure: None known

Emergency and First Aid Procedures:

Inhalation: Remove victim to fresh air. Treat symptomatically. If breathing does not return to normal within a few minutes, get prompt medical attention.
Eye Contact: Rinse eyes in clear running water for 15 minutes. If irritation results and persists, GET MEDICAL ATTENTION
Skin Contact: Wash exposed skin with soap and water. Rinse thoroughly. Remove and wash contaminated clothing before reuse. Discard contaminated footwear.
Ingestion: Rinse mouth. If conscious administer 3-4 large glasses of water to dilute. Do not induce vomiting. CONSULT A PHYSICIAN.
Other Information: Not known to be mutagenic or carcinogenic.

SECTION 7: PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be taken in case material is released or spilled:

SPIILLS: FLUSH TO SANITARY SEWER. LARGER SPILLS: NUTRALIZE WITH SODIUM CARBONATE OR LIME.

Waste Disposal Methods: DISPOSE OF WASTE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

WASTES OF THIS PRODUCT DO NOT MEET US EPA RCRA DEFINITION OF HAZARDOUS WASTE BUT LOCAL REQUIREMENTS MAY VARY.

Precautions to be taken in Handling and Storing: KEEP CONTAINER CLOSED WHEN NOT IN USE.

Other Precautions: KEEP THIS AND ALL CHEMICALS OUT OF REACH OF CHILDREN.

SECTION 8: CONTROL MEASURES

Respiratory Protection (Specify Type): Not required for normal and intended use in liquid form.
Ventilation: General exhaust as required for comfort.
Protective Gloves: Rubber or neoprene.

Eye Protection: Chemical goggles with side shields.

Other Protective Clothing or Equipment: As required to reduce or prevent skin contact.

Work/Hygienic Practices: Wash products from clothes and skin. Use good housekeeping practices

SECTION 8: ADDITIONAL INFORMATION

ENVIRONMENTAL

BIODEGRADABILITY: BIODEGRADABLE

WASTE DISPOSAL METHODS

DISPOSE OF IN AN AUTHORIZED WASTE FACILITY IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. UNCONTAMINATED PRODUCT DOES NOT MEET U.S. EPA DEFINITION AS A RCRA HAZARDOUS WASTE. LOCAL REGULATIONS MAY VARY.

EMPTY CONTAINER HANDLING: EMPTIED CONTAINER RETAINS PRODUCT RESIDUE. OBSERVE ALL PRECAUTIONS EVEN AFTER CONTAINER IS EMPTIED. KEEP EMPTY CONTAINER CLOSED TIGHTLY.

SECTION 9: SARA TITLE III REPORTING REQUIREMENTS

SECTION 302-EXTREMELY HAZARDOUS SUBSTANCES	REPORTING NOT REQUIRED.
SECTION 304-HAZARDOUS RELEASES	REPORTING NOT REQUIRED.
SECTION 311-COMMUNITY RIGHT TO KNOW(R-T-K)	REPORTING REQUIRED FOR INVENTORY ABOVE TPQ.
SECTION 312-R-T-K INVENTORY DATA	REPORTING REQUIRED FOR INVENTORY ABOVE TPQ.
SECTION 313-EMISSIONS AND RELEASE	REPORTING NOT REQUIRED.
CERCLA	SAME AS SECTION 304

REFERENCES

TOXIC SUBSTANCE CONTROL ACT LIST (TSCA)-INGREDIENTS LISTED

PERMISSIBLE EXPOSURE REFERENCES:

REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES

TITLE 29 CODE OF FEDERAL REGULATIONS

NATIONAL TOXICOLOGY PROGRAM (NTP) REPORT ON CARCINOGENS

INTERNATIONAL AGENCY FOR RESEARCH ON CANCER (IARC) MONOGRAPHS

REGULATORY STANDARDS:

DOT TITLE 49 CODE OF FEDERAL REGULATIONS 172.101

SARA TITLE III

NUCLEAR REGULATORY AGENCY

DOT SHIPPING NAME: CHEMICAL, NOS (NOT DOT/IMO HAZARDOUS)

DOT HAZARD LABEL: NONE

THIS DOCUMENT COMPLIES WITH OSHA FORM 174 AS REQUIRED UNDER 29 CFR 1910.1200

SECTION 16: OTHER INFORMATION

Revisions: This SDS was reformatted to comply with the new Hazard Communication Standard dated September 7, 2018.

PREPARED BY:

Ultra Gro, LLC

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