


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

DATE PREPARED: 4/27/2017

CURRENT AS OF: 4/27/2017

SECTION 1: PRODUCT / SUPPLIER IDENTIFICATION

PRODUCT NAME: ULTRA GRO CAL K ULTRA GRO CAL KIX

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:



DANGER

**TOXIC IF SWALLOWED
MAY CAUSE SKIN IRRITATION
MAY CAUSE EYE IRRITATION
MAY CAUSE RESPIRATORY IRRITATION**



HAZARD CLASSIFICATIONS:

	<u>CATEGORY</u>	<u>INTERPRETATION</u>
ACUTE TOXICITY	3	MODERATE TO HIGH
SKIN IRRITATION	3	SKIN IRRITATION POSSIBLE
EYE IRRITATION	2 B	EYE IRRITATION POSSIBLE
TARGET ORGAN SYSTEMIC TOXICITY	3	TRANSIENT RESPIRATORY IRRITATION 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
DO NOT EAT, DRINK, OR SMOKE WHEN USING PRODUCT
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, LOCKED UP

DISPOSE OF CONTENTS / CONTAINER IN ACCORDANCE WITH THE NATIONAL / REGIONAL / LOCAL REGULATIONS

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

<u>CHEMICAL IDENTITY</u>	<u>SYNONYM</u>	<u>CAS NUMBER</u>	<u>CONCENTRATION (%)</u>
Liquid fertilizer solution	7-0-7-7 Ca	Mixture	100.0
	5-0-6-6 Ca	Mixture	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, but DO NOT 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 PROTECTIONEXPOSURE 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>
Liquid fertilizer solution		2mg/m ³ (CEILING) (KOH)
	5 mg/m ³	2ppm (nitric acid) 4 ppm (STEL) (nitric acid)

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:	Clear liquid with no appreciable odor
pH:	7.0
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:	1.40
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; aluminum, copper, and their alloys; galvanized metal

HAZARDOUS DECOMPOSITION PRODUCTS: No_x , Co_x

SECTION 11: TOXICOLOGICAL INFORMATION

HEALTH EFFECTS: May cause irritation of the eyes, skin, respiratory tract, and gastrointestinal tract. Inhalation may result in coughing and difficult breathing. Significant overexposure could potentially result in tearing of the eyes, increased pulse rates, increased blood pressure, skin blisters, vomiting, corneal ulcers, blindness, methemoglobinemia, and nitrite poisoning. Other symptoms might also include cyanosis, nausea, vomiting, dizziness, headache, weakness, shortness of breath, and stupor.

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

INGREDIENT TOXICITY RANGES:

ORAL: 214 mg/kg (potassium hydroxide) -- 3,900 mg/kg (calcium nitrate)

DERMAL: None listed

INHALATION: 0.13 mg/l (4 hr) (nitric acid)

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	2
	FLAMMABILITY	0
	INSTABILITY	0

HMIS RATINGS:	HEALTH	2
	FLAMMABILITY	0
	PHYSICAL HAZARD	0

PREPARED BY: UGPF

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