



Portion 236 (Port of Port 122)  
of the Farm Krokodildrift 446 JQ  
PO Box 205, Brits, 0250

+27 12 252 3653

produkt@langplaas.co.za

# MATERIAL SAFETY DATA SHEET

## SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

### Product/Chemical Name: **Ultra HumiMax (Granular) (Potassium humate)**

Manufacturer: CityMax Agro

Distributor: Langplaas Organics

Address: Portion 236 (Port of Port 122) of the Farm Krokodildrift 446 JQ | Telephone Number: +27 12 252 3653

## SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS

Humic Acid	82.9%
Fulvic Acid	3.4%
Nitrogen	0.55%
Phosphorus	0.15%
Potassium	9.42%
Sulphur	0.46%
Calcium	0.95%
Magnesium	0.16%
Zinc	0.003%
Iron	2.25%
Manganese	0.015%
pH	9,31
Appearance	Black Granules
CAS No.: 68514-28-3	
Non-hazardous: Keep dust below OSHA limit	

## SECTION 3 - HAZARDS IDENTIFICATION

### EMERGENCY OVERVIEW

CAUTION! MAY CAUSE IRRITATION TO EYES AND RESPIRATORY TRACT.

### POTENTIAL HEALTH EFFECTS

**Inhalation:** May cause irritation to the respiratory tract, symptoms may include coughing.

**Ingestion:** May cause irritation of the digestive tract. The toxicological properties of this substance have not been fully investigated.

**Skin contact:** May cause skin irritation.

**Eye contact:** Potential mild irritation.

**Chronic Exposure:** Expected toxicity hazard none to slight.

## SECTION 4 - FIRST AID MEASURE

**Eyes:** Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid immediately.

**Skin:** Get medical aid. Flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse.

**Ingestion:** If victim is conscious and alert, give 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Get medical aid immediately.

**Inhalation:** Get medical aid immediately. Remove from exposure to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

**Notes to Physician:** Persons with impaired kidney function may be more susceptible to the effects of this substance. Treat symptomatically and supportively.



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## SECTION 5 - FIRE FIGHTING MEASURES

**Fire:** Not considered to be a fire hazard.

**Explosion:** Not considered to be an explosion hazard

**Extinguishing Media:** Use water spray, dry chemical, carbon dioxide, or alcohol-resistant foam.

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

**General Information:** Clean and Use water flush, Non-toxic. Non-corrosive.

**Neutralization chemicals:** N/A

**WASTE DISPOSAL METHODS:** Follow all applicable federal, state and local regulations.

## SECTION 7 - HANDLING AND STORAGE

**Handling:** Wash thoroughly after handling. Use with adequate ventilation. Minimize dust generation and accumulation. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Avoid ingestion and inhalation.

**Storage:** Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances.

## SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

### SPECIFIC PERSONAL PROTECTIVE EQUIPMENT

**RESPIRATORY(SPECIFY IN DETAIL):** NIOSH/MSHA approved respirator

**Eyes:** Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

**Skin:** Wear appropriate protective gloves to prevent skin exposure.

**Clothing:** Wear appropriate protective clothing to prevent skin exposure.

**Other:** None

## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** Shiny Granules

**Color:** Black

**Odor:** Characteristic

**PH:** 9-11

**Solubility in water:** 90%.

**Application:** Used as Bio Stimulant and Soil Conditioner

**Shelf life:** More than 2 years

## SECTION 10 - STABILITY AND REACTIVITY

**Stability:** Stable under normal temperatures and pressures. Chemical Stability: Stable

**Conditions to Avoid:** None

**Hazardous Polymerization:** Will not occur.

## SECTION 11 - TOXICOLOGICAL INFORMATION

**Toxicity:** None



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## SECTION 12 - ECOLOGICAL INFORMATION

**Ecotoxicity:** None

## SECTION 13 - DISPOSAL CONSIDERATIONS

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

## SECTION 14 - TRANSPORT INFORMATION

Not regulated by imdg.

## SECTION 15 - REGULATORY INFORMATION

X NO This product's ingredients are not found in the lists below.  
YES \_\_\_ Federal OSHA \_\_\_ NTP \_\_\_ IARC \_\_\_ TX/OSHA  
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE None known

### **Label Hazard Warning:**

**CAUTION!** MAY CAUSE IRRITATION TO EYES AND RESPIRATORY TRACT. MAY BE HARMFUL IF SWALLOWED OR INHALED.

### **Label Precautions:**

Keep container closed.  
Use with adequate ventilation.  
Avoid breathing dust.  
Wash thoroughly after handling.  
Avoid contact with eyes, skin and clothing.

### **Label First Aid:**

If inhaled, remove to fresh air. Get medical attention for any breathing difficulty.  
In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. Get medical attention if irritation develops or persists. If swallowed, give large amounts of water to drink. Never give anything by mouth to an unconscious person. Get medical attention.

### **Product Use:**

Fertilizer

### **Revision Information:**

No Changes.

### **Disclaimer:**

All information, recommendations and suggestions appearing herein concerning this product are based upon tests and data believed to be reliable. However, it is the user's responsibility to determine the safety toxicity, and suitability for his own use of this product. Since the actual use by others is beyond our control, we make no guarantee, expressed or implied, as to the effects of such use. the results to be obtained, or the safety and toxicity of the product. This information is not to be construed as absolutely complete , since additional information may be necessary or desirable when exceptional conditions or circumstances exist or because of applicable laws or government regulations .

**Fill Dept:** TECHNOLOGY DEPARTMENT OF XI'AN CITYMAX AGROCHEMICAL CO., LTD.

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