



SAFETY DATA SHEET

SECTION 1: IDENTIFICATION OF THE MIXTURE AND OF THE COMPANY			
Product Identifier	GROTEK LXR GOLD 0-0-1		
Product Use	Plant fertilizer		
Uses restrictions	Do not use for purposes other than those listed on the product label		
Manufacturer Information	Company Name	Greenstar Plant Products Inc.	
	Address	9430-198 TH Street, Langley, BC Canada V1M3C8	
	Phone Number	604-882-7699	
	Email	info@getgreenstar.com	
Emergency Phone Number	+1-604-882-7699		
SECTION 2: HAZARDS IDENTIFICATION			
GHS CLASSIFICATION			
HazCom 2012 GHS	Non hazardous		
WHMIS 2015	Non hazardous		
HAZARD SYMBOL & SIGNAL WORD	HAZARD STATEMENTS	PRECAUTIONARY STATEMENTS	
Not applicable	Not applicable	Not applicable	
To the current knowledge of the supplier, this product contains no other components or impurities, in the concentrations applicable that are classified as hazardous to health or the environment or influence the classification of this product.			
Other Hazards	Not applicable		
SECTION 3: HAZARDOUS INGREDIENTS			
CAS#	Substance name		
Not applicable – contains no hazardous ingredients	Not applicable – contains no hazardous ingredients		
SECTION 4: FIRST AID MEASURES			
First aid should only be administered by trained personnel. Always assess the environment for immediate dangers before entering the area.			
EYE CONTACT	Flush with gently flowing water for several minutes while holding eyelids open. If irritation occurs, seek medical attention.		
SKIN CONTACT	Wash with soap and water and rinse with plenty of clean water. If irritation occurs, seek medical attention.		
INHALATION	Remove victim to fresh air. Seek medical attention if symptoms persist.		
INGESTION	If swallowed, DO NOT INDUCE VOMITING. If vomiting occurs, lean forward with head down to avoid breathing in vomit. Never give anything by mouth to an unconscious person. Call a doctor if you feel unwell.		

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Most important symptoms and effects, both acute and delayed	
May cause eye, skin and gastrointestinal irritation. To the best of our knowledge, the toxicological properties of this material have not been fully investigated	
Ingestion:	May irritate mouth, throat and digestive tract
Inhalation:	May cause irritation to mucous membranes and respiratory tract
Skin contact:	May cause mild irritation.
Eyes:	May cause eye irritation.
Indication of any immediate medical attention and special treatment needed	
Treat symptomatically.	
SECTION 5: FIRE FIGHTING MEASURES	
Flammable	Will not burn or support combustion.
Suitable extinguishing media	Use an extinguishing agent suitable for the surrounding fire.
Unsuitable extinguishing media	None known.
Hazardous Combustion Products	May release very toxic and corrosive sulphur dioxides, other sulphur oxides, potassium oxides, carbon oxides (carbon monoxide and carbon dioxide) and hydrocarbons during a fire
Advice for fire-fighters	
Special protective equipment for firefighters	Self-contained breathing apparatus and full protective clothing should be worn when fighting chemical fires.
Special firefighting procedures	Not available.
SECTION 6: ACCIDENTAL REALEASE MEASURES	
SPILL & LEAK PROCEDURES	Wear personal protection equipment outlined in SECTION 8. Ventilate area. Adsorb spill then shovel or sweep spilled material into dry labeled containers for disposal. Use Personal Protective Equipment outlined in SECTION 8. Adsorb material and place in clean containers for future disposal. Damp mop residues. Do not flush to drain or allow to enter the environment.
SECTION 7: HANDLING AND STORAGE	
Precautions for safe handling	Use personal protection equipment outlined in SECTION 8 when handling. Avoid contact with eyes and skin
Conditions for safe storage, including incompatibilities	Store in tightly closed containers in a cool, dry, well ventilated area. Incompatibles: Not available.

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Environmental precautions	Product is a plant nutrient and can contribute to overgrowth of aquatic vegetation. Do not allow product to enter storm sewers, sanitary sewers, groundwater or soil.
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SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure controls

Occupational exposure limits	No specific exposure limits established for mixture.	
Recommended monitoring procedures	Monitor workplace air quality to determine the effectiveness of the ventilation or other control measures and / or the necessity to use respiratory protective equipment.	
Engineering controls	No specific ventilation requirements. Avoid the generation of mists. Provide appropriate exhaust ventilation at places where mists are formed.	

Personal protection equipment

Hygiene measures	Wash hands after handling, before eating, smoking and using the toilet and at the end of the work day. Ensure that eyewash stations are close to the workstation area.	
Eye / Face Protection	Use chemical safety goggles when there is a potential for eye contact.	
Skin protection	Hand protection	Nitrile, latex or PVC gloves.
Respiratory protection	Avoid breathing mists. Use NIOSH approved respirator during a fire and in poorly ventilated areas.	
Environmental exposure controls	Avoid release to the environment.	

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Liquid	Colour	Amber	Odour	NAV
pH	9-10	Density	NAV	Odour threshold	NAV
Flammability	Not flammable	Melting point	NAV	Boiling point	NAV
Specific gravity	NAV	Melting point	NAV	Decomposition temperature	NAV
Viscosity	NAV	Solubility in water	Fully soluble	Viscosity	NAV

SECTION 10: STABILITY AND REACTIVITY

Reactivity	Not reactive under normal conditions of use and storage.
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Chemical stability	Stable under normal conditions of use and storage.
Possibility of hazardous reactions	NAV
Conditions to avoid	The creation of mists.
Incompatibility	Not available.
Hazardous decomposition products	May release very toxic and corrosive sulphur dioxides, other sulphur oxides, potassium oxides, carbon oxides (carbon monoxide and carbon dioxide) and hydrocarbons during a fire
SECTION 11: TOXICOLOGICAL INFORMATION	
Information on Toxicological effects	
Acute Toxicity	LD ₅₀ Fulvic acids: No data available LD ₅₀ Potassium sulphate: (oral: rat, mouse, guinea pig): 6600 mg / kg
Irritation/ Corrosion	May be mildly irritating to eyes, skin and respiratory tract.
Sensitization	No data available.
Carcinogenicity	Ingredients not listed as carcinogens or probable carcinogens by ACGIH, IARC, or NTP.
Mutagenicity	NAV
Reproductive toxicity	NAV
Repeated dose toxicity	NAV
To the best of our knowledge, the toxicological properties of this substance have not been thoroughly investigated.	
SECTION 12: ECOLOGICAL INFORMATION	
Toxicity	
Potassium sulphate: this substance has low toxicity to the environment. Sulphur is very common in the environment due to the abundance of this element on the earth. Sulphur is oxidized to sulphate by soil bacteria before being taken up by plants. Potassium is an essential plant nutrient	
Humic acids: Not available	
Other adverse effects	Not available
SECTION 13: DISPOSAL CONSIDERATIONS	
Dispose of this product and / or its container in accordance with Federal, provincial, state and local regulations. Do not allow product to enter sewers or the environment.	



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SECTION 14: TRANSPORT INFORMATION

SHIPPING	TDG	Not a dangerous good for transport
	DOT	Not a dangerous good for transport

SECTION 15: REGULATORY INFORMATION

This product has been classified in accordance with WHMIS 2015 and OSHA HazCom 2012

DSL: all components of this product are on Canada's DSL list

TSCA: all components of this product are on US EPA's TSCA Chemical Substances Inventory

SECTION 16: OTHER INFORMATION

As of the date of this document, the foregoing information is believed to be accurate and is provided in good faith to comply with applicable laws. However, no warranty or representation of law or fact, with respect to such information is intended or given

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