SAFETY DATA SHEET

SECTION 1: IDENTIFICATION OF THE MIXTURE AND OF THE COMPANY		
Product Identifier	**GROTEK VITAMAX PLUS 1-1-2**	
Product Use	Plant Fertilizer	
Use restrictions	Do not use for purposes other than those listed on the product label	
Manufacturer Information	Company Name	Greenstar Plant Products
	Address	9430-198th Street, Langley BC Canada V1M 3C8
	Phone Number	+1-604-882-7699
	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
Other Hazards	Not applicable		

SECTION 3: HAZARDOUS INGREDIENTS	
CAS#	**Substance name**
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.

SECTION 4: FIRST AID MEASURES	
Description of first aid measures	
EYE CONTACT	Rinse with a large gentle stream of water for 15 minutes. Remove contact lenses, if present and easy to do so after 5 minutes. Continue rinsing. If irritation persists, get medical advice / attention
SKIN CONTACT	Wash with soap and water and rinse with plenty of clean water. If irritation occurs, get medical advice / attention
INHALATION	Remove victim to fresh air. Seek medical attention if symptoms persist
INGESTION	If swallowed, DO NOT INDUCE VOMITING unless directed to do so by medical personnel. If vomiting occurs, have victim lean forward with head down to avoid breathing in vomit. Call a doctor if you feel unwell. Seek immediate medical attention if large quantities of this material have been swallowed.

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Most important symptoms and effects, both acute and delayed

May cause eye, skin, respiratory and digestive tract irritation. Product contains nitrates which can alter the blood's ability to carry oxygen leading to methemoglobinemia. Symptoms include headache, fatigue, dizziness, blue lips, fingernails and skin. Higher levels can cause trouble breathing, collapse and even death.

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	Toxic and irritating gases may be formed 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 fire fighting procedures	In the event of fire, use water spray to cool closed containers and knock-down toxic gases.
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. Avoid the generation of mists. Flush area with water after clean-up. Product is a plant nutrient and can contribute to overgrowth of aquatic vegetation. Do not allow product or rinsing water to enter storm sewers, sanitary sewers, groundwater or soil
SECTION 7: HANDLING AND STORAGE	
Precautions for safe handling	Avoid contact with eyes, skin and clothing. Wear personal protection equipment outlined in SECTION 8 when handling. Avoid the generation of mists.
Conditions for safe storage, including incompatibilities	Store in a cool, dry, well ventilated area.
Environmental precautions	Do not allow product or rinsing water to enter storm sewers, sanitary sewers, groundwater or soil
SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION	
Control parameters	
Occupational exposure limits	No specific limits available

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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. 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 or face shield when there is a potential for eye contact
Hand protection	Wear protective chemical gloves.
Respiratory protection	Avoid breathing mists. Use NIOSH approved respirator during a fire or in poorly ventilated areas
Environmental exposure controls	Do not allow product to enter storm sewers, sanitary sewers, groundwater or soil.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES					
Physical state	Liquid	**Colour**	Orange	**Odour**	NAV
pH	NAV	**Density**	NAV	**Solubility in water**	Product is a liquid
Specific gravity	NAV	**Melting point**	NAV	**Decomposition temperature**	NAV
Flammable?	Not flammable	**Boiling point**	NAV	**Viscosity**	NAV

SECTION 10: STABILITY AND REACTIVITY	
Reactivity	Not available
Chemical stability	Stable under normal conditions of use and storage
Conditions to avoid	Avoid the generation of mists
Incompatibility	Not available
Hazardous decomposition products	Toxic and irritating gases may be formed during a fire

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SECTION 11: TOXICOLOGICAL INFORMATION

Information on Toxicological effects

Acute Toxicity	Potassium nitrate: LD50 (oral, rat) 3750 mg / kg Magnesium nitrate: LD50 (oral, rat) 5440 mg / kg Ammonium nitrate: LD50 (oral, rat) 2217 mg / kg
Irritation/ Corrosion	May be irritating to eyes, skin, digestive and respiratory tracts
Sensitization	Not available
Carcinogenicity	Ingredients not listed by ACGIH, IARC, and NTP as suspected or probable carcinogens. Nitrates or nitrites (ingested) under conditions that result in endogenous nitrosation are classed as 2A (probable human carcinogen) by IARC
Mutagenicity	NAV
Reproductive toxicity	NAV
Repeated dose toxicity	NAV

SECTION 12: ECOLOGICAL INFORMATION

Toxicity: Not available

Other adverse effects	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.

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of this product and / or its container in accordance with Federal, state, provincial, and local regulations. Do not allow product to enter sewers or the environment.

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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